STRACHAN CONSULTING LLC

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Compliance

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A2PP2012-009

February 15, 2012

Mr. Bruce Boyer, CPM
(09-AFC-2C)
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

SUBJECT: TID A2PP (09-AFC-2C) COM-6 SUBMITTAL OF MONTHLY COMPLIANCE REPORT #11 FOR THE JANUARY 2012 REPORTING PERIOD

Dear Mr. Boyer:

Pursuant to Condition of Certification COM-6, please find attached the hard copy original and one electronic copy of Monthly Compliance Report (MCR) #11 for the Turlock Irrigation District Almond 2 Power Plant. This MCR covers the period from January 1 through January 31, 2012.

Included in this report and as required by the Conditions of Certification are the following documents and/or information:

- Project Summary Schedule (COM-6)
- Key Events List (COM-6)
- Air Quality Construction Mitigation Manager's Report (AQ-SC3 and AQ-SC5)
- Biological Resources Monitoring Report (BIO-2)
- WEAP Acknowledgement Forms (BIO-5, CUL-8, and PAL-4)
- Paleontological Resources Monitoring Report (PAL-5)
- Cultural Resources Specialist Summary Report (CUL-9)
- Summary of erosion, sedimentation, and control measures and monitoring and maintenance activities (Soil & Water-2)
- Construction Safety Supervisor and CBO Safety Monitors' monthly reports (Worker Safety-3)
- Updated Master Drawing List/Master Specification List (GEN-2)
- CBO's approval of any special inspectors (GEN-6)
- CBO's approval of STRUC-1 drawings (STRUC-1)

- Transmission system engineering Master Drawing List/Master Specification List (TSE-1)
- Transmission system engineering update (TSE-4)
- Compliance Matrix (COM-6)

Should you have any questions regarding this submittal, please do not hesitate to contact me at 530-757-7038. Thank you.

Sincerely,

Susan Strachan
Strachan Consulting, LLC

Attachment

cc: TID w/attachment (2 copies)

TURLOCK IRRIGATION DISTRICT
ALMOND 2 POWER PLANT PROJECT
(09-AFC-2C)

Monthly Compliance Report #11
January 2012 Reporting Period

Submitted By:

Water & Power
Serving Central California since 1887

With Assistance From:

STRACHAN CONSULTING LLC

Table of Contents

Monthly Compliance Report #11

1.0 Introduction

On December 15, 2010, the California Energy Commission approved the Turlock Irrigation District's (TID) Almond 2 Power Plant. A letter from the CEC approving the commencement of construction for the plant and linears was received on February 25, 2011. This Monthly Compliance Report (MCR) was prepared pursuant to Condition of Certification COM-6 and contains the information specified in the condition. This MCR covers project compliance activities, which occurred during the month of January 2012.

2.0 Current Project Status

This section provides a summary of the engineering, procurement, and construction activities during the month of January 2012. TID contracted with CH2MHill to provide the engineering for the project. CH2MHill and TID procured the equipment. Power Engineering designed the A2PP transmission generation tie line, which was built by TID. Performance Mechanical, Inc. (PMI) is the site construction contractor. Lastly, PG&E designed and constructed the natural gas pipeline, which will reinforce PG&E's existing gas transmission system, serving the greater Modesto area, as well as the A2PP. PG&E will own and operate the pipeline and reinforcement segment.

Construction of the project transmission line was completed in November 2011. PG&E completed construction of the natural gas pipeline and reinforcement segment in December 2011.

The table below provides the percent complete for project engineering, procurement, and construction of the A2PP site.

Project Percent Completion
January 31, 2012

ACTIVITY	% COMPLETE
Engineering	100%
Procurement	100%
Construction	91%

A Project Summary Schedule is included in **Exhibit 1**. The Key Events list is included in **Exhibit 2**. Mechanical completion of the A2PP is scheduled to be complete on March 20, 2012. Commercial operation is estimated to occur in second quarter of 2012.

2.1. Engineering and Procurement

CH2MHill began engineering and procurement activities for the A2PP in January 2009. Engineering and procurement are 100 percent complete.

2.2 Construction

This section provides a summary of construction activities that occurred during the month of January for the A2PP site.

A2PP Site
Below is a list of A2PP site construction activities that occurred during the month of January:

- Trenched for fuel gas compressor yard security system
- Trenched and set forms for storm water trench drain
- Placed road base
- Placed concrete for plant perimeter lighting foundations
- Placed concrete for storm water trench drains
- Installed CEMS Unit #4 sample lines
- Installed lighting on Unit #4 stack ladder platforms
- Replaced Unit #2 generator
- Pulled instrumentation and control cable to Unit #3 generator
- Installed instrumentation cabling on Unit #4 lube oil skid
- Finished switchyard gravel placement
- Completed fence grounding
- Installed instrumentation cabling on Unit #4 gas turbine north side panel
- Set storm water drain box on east side of new shop addition
- Installed instrumentation conduit on Unit #3 stack
- Assembled site pole lighting and installed lighting on foundation

Exhibit 3 contains TID's construction photos of the A2PP site taken during the month of January.

3.0 Project Compliance Activities

Pursuant to Condition of Certification COM-6, this section includes a description of the Conditions of Certification, which have reporting requirements to be addressed in the Monthly Compliance Report. The specific documents required by the Conditions are attached as exhibits.

AQ-SC3 and AQ-SC5: Sam Comstock is the designated Air Quality Construction Mitigation Manager for the A2PP. The Air Quality Mitigation Monthly Report prepared by Mr. Comstock pursuant to Conditions AQ-SC3 and AQ-SC5 is included in **Exhibit 4**. Specifically, this report consists of the following:

- Mr. Comstock's daily log;
- Summary of fugitive dust control measures conducted during the reporting period to maintain compliance with Condition AQ-SC3 (Construction Fugitive Dust Control). The information consists of the completed dust control forms required by the San Joaquin Valley Air Pollution Control District (SJVAPCD);
- Ultra-low sulfur diesel fuel purchase ledger and receipt (AQ-SC5); and
- Information on the off-road construction equipment brought on site during the reporting period (highlighted in yellow in the equipment ledger) which includes 1) an equipment ledger; 2) equipment mitigation determinations; 3) engine data summary; and 4) engine certification information for each engine (AQ-SC5)

AQ-72 and AQ-73: These SJVAPCD conditions pertain to fugitive dust control. AQ-72 references the SJVAPCD's fugitive dust rule. AQ-73 requires that TID (and PG&E for the gas pipeline) prepare a Dust Control Plan to ensure compliance with the SJVAPCD's fugitive dust rule. Ongoing compliance with these conditions is addressed in the Air Quality Mitigation Monthly Report required pursuant to Condition AQ-SC3 and included in **Exhibit 4**.

BIO-2: Todd Ellwood is the Designated Biologist for the A2PP. His monthly compliance report is included in **Exhibit 5.** His report addresses reporting requirements in several biology conditions. Specifically, these include:

- **BIO-5**: Worker Environmental Awareness Training Program
- **BIO-6:** Implementation of the Biological Resources Mitigation and Implementation Monitoring Plan measures;
- **BIO-7:** Implementation of Impact Avoidance Mitigation Measures;

BIO-5, CUL-8, and PAL-4: These conditions require that information be included in the Monthly Compliance Report regarding the number of people who completed the Worker Environmental Awareness Program (WEAP) training during the reporting period and a running total of the people trained during construction. Workers are trained through the use of a CEC approved WEAP video and handbook. The PMI Safety Supervisor conducts the WEAP training at the A2PP site. During the month of January, seventeen A2PP workers were trained. A total of six hundred ninety-one people have been trained as of January 31, 2011. Copies of the WEAP training acknowledgement forms for the people trained during this reporting period are included **Exhibit 6.**

CUL-9: Based on Condition CUL-9 and discussions with the CEC Staff, cultural resources construction monitoring was only required for the eastern most 450-feet of the PG&E natural gas pipeline reinforcement segment. Excavation of the eastern most 450-feet of the reinforcement segment was completed in November 2011. The Cultural Resources Specialist's Monthly Summary Report for that construction effort was included in MCR #9 filed in December 2011.

PAL-5: Condition PAL-5 requires that a Paleontologic Resources Monitoring Report be included in the Monthly Compliance Report. Included in **Exhibit 7** is the Paleontologic Resource Monitoring Report for this reporting period.

Soil & Water-2: Condition of Certification Soil & Water-2 requires that during construction, the project owner provide an analysis in the Monthly Compliance Report on the effectiveness of the drainage, erosion, and sedimentation control measures and the results of monitoring and maintenance activities. TID prepared a combined Stormwater Pollution Prevention Plan (SWPPP)/Drainage Erosion Sedimentation Control Plan (DESCP) to address the requirements of Conditions Soil & Water-1 and Soil & Water-2, respectively. Below is the information required by Condition Soil & Water-2 for the Monthly Compliance Report for the A2PP site.

A2PP Site

The Best Management Practices (BMPs) identified in the SWPPP/DESCP were effective in controlling storm water, erosion, and sedimentation during the reporting period. Silt fence has been installed around the perimeter of most of the project site and construction laydown area. The silt fence has been effective in controlling stormwater run-on and run-off. It also helps in keeping small animals outside of the project site and preventing garbage from blowing on-site. Other BMPs employed during the month include:

- Use of water suppression for dust control;
- Street sweeping and cleaning of paved site access road
- Use of graveled entrance/exit to the A2PP site.
- Daily checking of equipment for oil drips and spills;
- Keeping site free of trash and debris; and
- Covering of trash bins after hours;

During the reporting period there was adequate water application to control dust. Street sweeping was done twice a day to clean up any track-out on the paved access road. In addition, hydroseed has been applied to the Winco stormwater pond located in the construction laydown area and the A2PP stormwater pond.

SWPPP/DESCP Monitoring and Maintenance Activities

Regarding monitoring and maintenance activities for the A2PP site, there were ongoing inspections of the existing BMPs by the Qualified SWPPP practitioner or trained delegates, as required by the General Construction Permit. In addition, inspections are conducted prior to rain events with a greater than 50% probability as indicated on the NOAA website. Inspections are also conducted during and after the rain events. These inspections are all documented and included into the A2PP site on-site SWPPP/DESCP, as required by the General Construction Permit.

Specific information regarding use of water suppression for dust control and street sweeping and cleaning for the A2PP site is included in the Air Quality Construction Mitigation Managers monthly report included in **Exhibit 4**.

VIS-1: No lighting complaints were received during this reporting period.

WORKER SAFETY-3: The construction contractor's Construction Safety Supervisor's Monthly Safety Inspection Report is included in **Exhibit 8**. Also included is the Chief Building Official's (CBO) Safety Monitor's monthly report and inspection log. To reduce the size of the exhibit, only the inspection log entries for this reporting period have been included.

FACILITY DESIGN/TRANSMISSION SYSTEM ENGINEERING

GEN-2: The Master Drawing List/Master Specification list is available on the A2PP CBO website.

GEN-6: There were no Special Inspectors approved by the CBO during the reporting period.

GEN-7: No corrective action was taken during this reporting period in response to a discrepancy in design and/ or construction in any engineering work that has undergone CBO review.

CIVIL-1: The CIVIL-1 drawings have been approved or conditionally approved by the CBO.

CIVIL-3: No non-conformance reports were prepared during the reporting period.

STRUC-1: The STRUC-1 drawings that have been approved by the CBO can be viewed by accessing the CBO's website established for the A2PP project.

STRUC-2: No non-conformance reports were prepared during the reporting period.

STRUC-4: There are no tanks and vessels for hazardous materials to be constructed as part of the A2PP. Therefore, no engineering drawings were submitted to the CBO in compliance with this condition.

MECH-1: **Exhibit 8** contains the inspection approvals pursuant to Condition MECH-1.

MECH-2: No CBO and/or CAL-OSHA inspections pursuant to Condition MECH-2 (pressure vessels) were conducted during this reporting period.

ELEC-1: The remaining major electrical equipment was received during the September reporting period. Relay and breaker testing continued during the January reporting period. Temporary energization of the Unit 4 Power Control Module occurred during the reporting period. No other major electrical equipment was energized during the reporting period.

TSE-1: The Transmission System Engineering Master Drawing List/Master Specification List can be found on the CBO's website. Switchyard equipment was tested during the reporting period.

TSE-3: No corrective action was taken during this reporting period in response a discrepancy in design and/or construction in any transmission system engineering work that has undergone CBO review.

TSE-4: The remaining major electrical equipment was received during the September reporting period. Information on the number of electrical drawings approved and submitted for approval can be found on the CBO's website.

4.0 Compliance Matrix

Condition of Certification COM-6 requires that a compliance matrix, which shows the status of the Conditions of Certification, be included in the Monthly Compliance Report. Included as **Exhibit 9,** is an updated compliance matrix. Please note, given the size of the matrix, only those conditions pertaining to construction are included. A complete matrix was provided in Monthly Compliance Report #1.

5.0 Conditions Satisfied During Reporting Period

The submittals for Conditions AQ-65 through 70 (surrender of emission reduction credit certificates to the San Joaquin Valley Air Pollution Control District (SJVAPCD) were approved by the SJVAPCD during the reporting period.

In addition, the submittals for Conditions Waste-6 (Operations Waste Management Plan) and AQ-65 through 70 were approved by the CEC during the reporting period.

6.0 Missed Submittal Deadlines

There were no submittal deadlines missed during this reporting period.

7.0 Approved Changes to Conditions of Certification

No changes have been made to the Conditions of Certification since the Final Decision was issued.

8.0 Filings or Other Permits To/ From Other Agencies

During the reporting period, there were no filings were made to other agencies.

9.0 Projection of Project Compliance Activities Scheduled for February 2012/March 2012

The following compliance documents are anticipated to be submitted during the February 2012/March 2012 reporting period:

- **COM-12**: Facility Closure Plan
- **HAZ-4**: Direction to vendors transporting anhydrous ammonia regarding DOT approved vehicle use
- **HAZ-5**: Direction to vendors transporting anhydrous ammonia regarding route and delivery time limitations
- **LAND-2**: Restoration of agricultural lands
- **TLSN-5:** Letter from TID to CEC confirming that all metallic objects within the transmission line right-of-way are grounded; and
- **Worker Safety-2**: Submittal of Operations Fire Protection Plan, Hazardous Materials Management Program, and Emergency Action Plan

10.0 Additions To On-Site Compliance File

The WEAP signed acknowledgement forms for the reporting period and the compliance documents submitted during the reporting period were added to the site compliance files.

11.0 Request to Dispose of Items Required to be Maintained in Project Files

There are no items in the project compliance files of which TID is requesting to dispose.

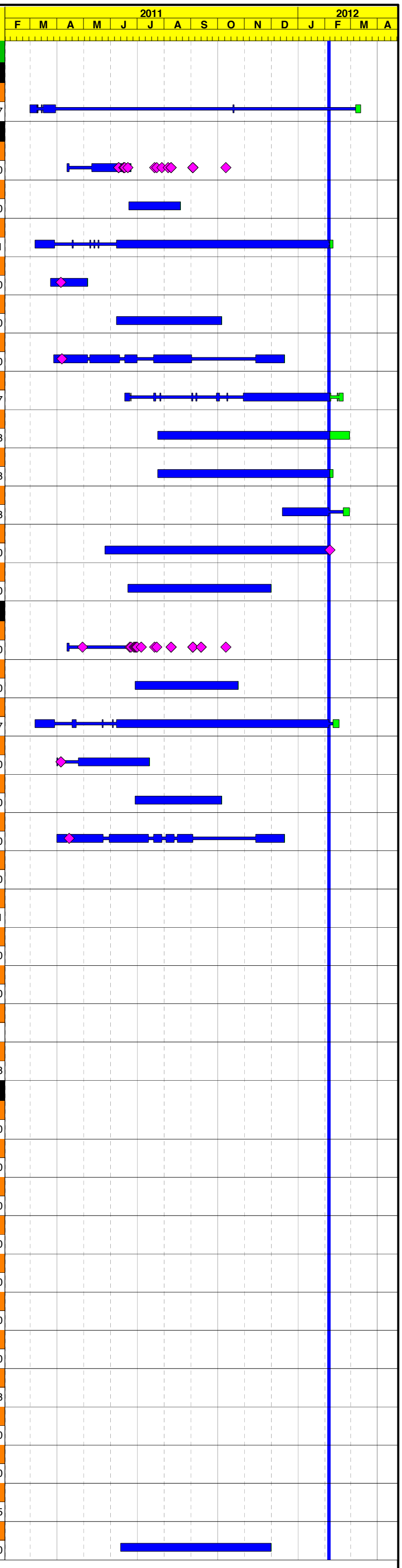
12.0 Complaints, Violations, Warnings, Citations

There were no complaints, violations, warnings, or citations issued during the reporting period.

EXHIBIT 1

PROJECT SUMMARY SCHEDULE

Activity ID	Activity Description	OD	RD	CUR ES	CUR EF	R/C % Complete
TID - A2PP - CPES DD=05FEB12						
WINCO POND AND LAYDOWN AREA						
+ GRADING & EXCAVATION						
		258	4	01MAR11A	12MAR12	7
CTG-2 AREA						
+ PROCUREMENT						
		124	0	13APR11A	10OCT11A	100
+ SHOP FABRICATION						
		41	0	22JUN11A	19AUG11A	100
+ GRADING & EXCAVATION						
		233	3	07MAR11A	09FEB12	81
+ UNDERGROUND ELECTRICAL						
		30	0	25MAR11A	05MAY11A	100
+ UNDERGROUND PIPING						
		83	0	08JUN11A	05OCT11A	100
+ FOUNDATIONS						
		182	0	28MAR11A	16DEC11A	100
+ EQUIPMENT SETTING						
		168	11	17JUN11A	21FEB12	97
+ ABOVE GROUND PIPING						
		149	16	25JUL11A	28FEB12	98
+ ABOVE GROUND ELECTRICAL						
		137	4	25JUL11A	09FEB12	98
+ INSTRUMENTATION & CONTROLS						
		50	5	15DEC11A	28FEB12	83
+ CENTERLINE ERECTION						
		172	1	26MAY11A	06FEB12	100
+ SCR ERECTION						
		111	0	21JUN11A	30NOV11A	100
CTG-3 AREA						
+ PROCUREMENT						
		124	0	13APR11A	10OCT11A	100
+ SHOP FABRICATION						
		81	0	29JUN11A	24OCT11A	100
+ GRADING & EXCAVATION						
		238	5	07MAR11A	16FEB12	77
+ UNDERGROUND ELECTRICAL						
		72	0	01APR11A	15JUL11A	100
+ UNDERGROUND PIPING						
		68	0	29JUN11A	05OCT11A	100
+ FOUNDATIONS						
		178	0	01APR11A	16DEC11A	100
+ EQUIPMENT SETTING						
		0	0			0
+ ABOVE GROUND PIPING						
00	MENT	0	0			1,021
+ ABOVE GROUND ELECTRICAL						
FB	BRICATION	0	20			0
+ INSTRUMENTATION & CONTROLS						
02	& EXCAVATION	6,997	5,342			0
+ CENTERLINE ERECTION						
05	OUND ELECTRICAL	256*	0*			
+ SCR ERECTION						
04	OUND PIPING	0	0			128
CTG-4 AREA						
+ PROCUREMENT						
		0	0			0
+ SHOP FABRICATION						
		0	0			0
+ GRADING & EXCAVATION						
		0	0			0
+ UNDERGROUND ELECTRICAL						
		0	0			0
+ UNDERGROUND PIPING						
		0	0			0
+ FOUNDATIONS						
		0	0			0
+ EQUIPMENT SETTING						
		117	0	13JUN11A	30NOV11A	100
+ ABOVE GROUND PIPING						
00	MENT	0	0			128
+ ABOVE GROUND ELECTRICAL						
FB	BRICATION	0*	0*			0
+ INSTRUMENTATION & CONTROLS						
02	& EXCAVATION	20	28,962			0
+ CENTERLINE ERECTION						
05	OUND ELECTRICAL	1,280*	0*			2,185
+ SCR ERECTION						
		117	0	13JUN11A	30NOV11A	100



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Finish Date	19MAR12
Data Date	05FEB12
Run Date	08FEB12 15:08

Current Bar
Progress Bar
Critical Activity

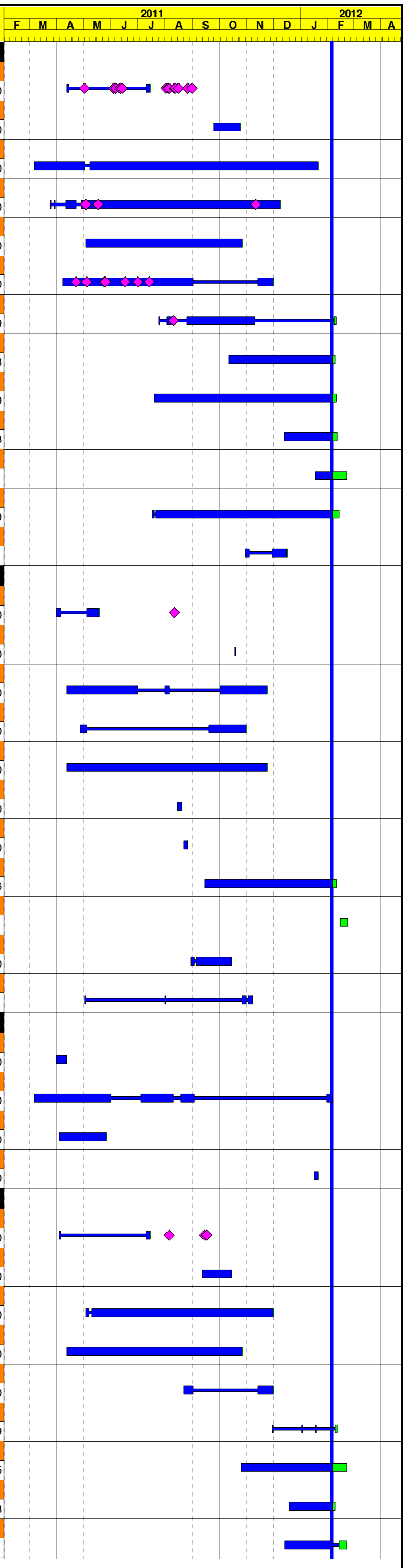
PERFORMANCE MECHANICAL, INC.

TID - A2PP - CPES DD=05FEB12

FULL SUMMARY SCHEDULE - SUSAN

**PLEASE BE AWARE THAT AS THE PROJECT MOVES FORWARD THERE WILL BE SEQUENCING CHANGES AND/OR DATE CHANGES TO ACTIVITIES.

Activity ID	Activity Description	OD	RD	CUR ES	CUR EF	R/C % Complete
STEP UP TRANSFORMERS AND SWITCH YARD AREA						
+ PROCUREMENT		97	0	13APR11A	31AUG11A	100
+ SHOP FABRICATION		21	0	26SEP11A	24OCT11A	100
+ GRADING & EXCAVATION		219	0	07MAR11A	20JAN12A	100
+ UNDERGROUND ELECTRICAL		178	0	25MAR11A	09DEC11A	100
+ UNDERGROUND PIPING		121	0	04MAY11A	26OCT11A	100
+ FOUNDATIONS		161	0	08APR11A	30NOV11A	100
+ EQUIPMENT SETTING		137	2	25JUL11A	09FEB12	99
+ ABOVE GROUND PIPING		80	3	12OCT11A	08FEB12	93
+ ABOVE GROUND ELECTRICAL		140	4	20JUL11A	09FEB12	99
+ INSTRUMENTATION & CONTROLS		39	5	15DEC11A	10FEB12	78
+ FIRE PROTECTION SYSTEMS		24	11	18JAN12A	21FEB12	
+ SWITCHYARD (HOT LINE SUB)		144	6	18JUL11A	13FEB12	99
+ FENCING		32	0	31OCT11A	16DEC11A	
EAST-WEST PIPE WAY AND BUILDING AREA						
+ PROCUREMENT		91	0	01APR11A	11AUG11A	100
+ SHOP FABRICATION		1	0	19OCT11A	19OCT11A	100
+ GRADING & EXCAVATION		155	0	13APR11A	23NOV11A	100
+ UNDERGROUND ELECTRICAL		4	0	28APR11A	31OCT11A	100
+ UNDERGROUND PIPING		155	0	13APR11A	23NOV11A	100
+ FOUNDATIONS		5	0	15AUG11A	19AUG11A	100
+ ABOVE GROUND PIPING		5	0	22AUG11A	26AUG11A	100
+ ABOVE GROUND ELECTRICAL		100	4	15SEP11A	09FEB12	96
+ FIRE PROTECTION SYSTEMS		5	5	15FEB12	22FEB12	
+ BUILDING ERECTION		33	0	30AUG11A	14OCT11A	100
+ TIE-IN WORK		135	0	03MAY11A	07NOV11A	
NORTH-SOUTH PIPEWAY AND TRNSMISSION LINE AREA						
+ PROCUREMENT		5	0	01APR11A	12APR11A	100
+ GRADING & EXCAVATION		230	1	07MAR11A	06FEB12	100
+ UNDERGROUND PIPING		39	0	04APR11A	26MAY11A	100
+ ABOVE GROUND ELECTRICAL		5	0	16JAN12A	20JAN12A	100
AMMONIA STORAGE-DEMIN TK's-METERING SKID AREA						
+ PROCUREMENT		115	0	04APR11A	16SEP11A	100
+ SHOP FABRICATION		25	0	12SEP11A	14OCT11A	100
+ GRADING & EXCAVATION		143	0	04MAY11A	30NOV11A	100
+ UNDERGROUND PIPING		136	0	13APR11A	26OCT11A	100
+ FOUNDATIONS		69	0	22AUG11A	30NOV11A	100
+ EQUIPMENT SETTING		50	2	30NOV11A	10FEB12	79
+ ABOVE GROUND PIPING		78	11	26OCT11A	21FEB12	85
+ ABOVE GROUND ELECTRICAL		35	3	19DEC11A	08FEB12	93
+ INSTRUMENTATION & CONTROLS		45	5	15DEC11A	21FEB12	71



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Finish Date 19MAR12
Data Date 05FEB12
Run Date 08FEB12 15:08

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Progress Bar
Critical Activity

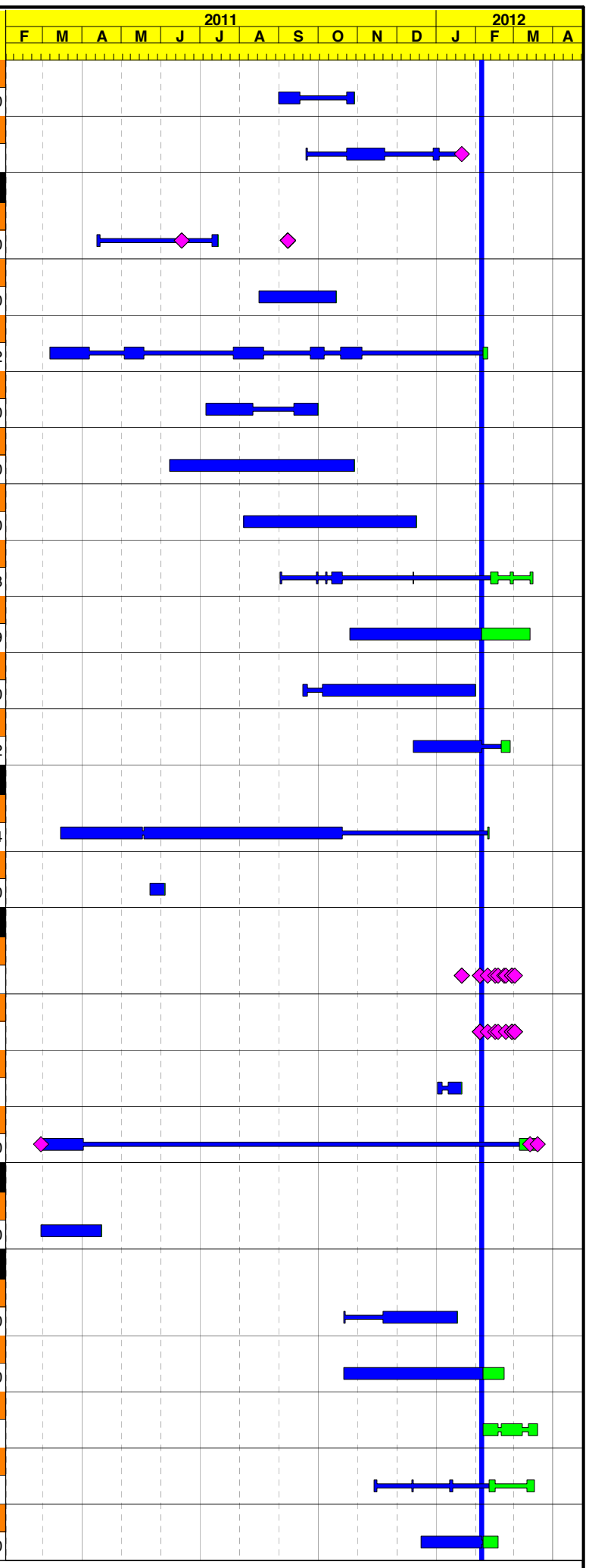
PERFORMANCE MECHANICAL, INC.

TID - A2PP - CPES DD=05FEB12

FULL SUMMARY SCHEDULE - SUSAN

**PLEASE BE AWARE THAT AS THE PROJECT MOVES FORWARD THERE WILL BE SEQUENCING CHANGES AND/OR DATE CHANGES TO ACTIVITIES.

Activity ID	Activity Description	OD	RD	CUR ES	CUR EF	R/C % Complete
+ EXISTING TANK MODIFICATIONS						
		41	0	01SEP11A	28OCT11A	100
+ TIE-IN WORK						
		81	0	22SEP11A	20JAN12A	
GAS COMPRESSORS AND COOLERS AREA						
+ PROCUREMENT						
		101	0	13APR11A	07SEP11A	100
+ SHOP FABRICATION						
		42	0	17AUG11A	14OCT11A	100
+ GRADING & EXCAVATION						
		233	4	07MAR11A	09FEB12	92
+ UNDERGROUND ELECTRICAL						
		62	0	06JUL11A	30SEP11A	100
+ UNDERGROUND PIPING						
		100	0	08JUN11A	28OCT11A	100
+ FOUNDATIONS						
		92	0	05AUG11A	16DEC11A	100
+ EQUIPMENT SETTING						
		132	23	02SEP11A	15MAR12	88
+ ABOVE GROUND PIPING						
		93	26	26OCT11A	13MAR12	89
+ ABOVE GROUND ELECTRICAL						
		91	0	19SEP11A	31JAN12A	100
+ INSTRUMENTATION & CONTROLS						
		49	5	15DEC11A	27FEB12	82
NEW RETENTION POND						
+ GRADING & EXCAVATION						
		228	1	15MAR11A	10FEB12	64
+ UNDERGROUND ELECTRICAL						
		5	0	24MAY11A	03JUN11A	100
PROJECT MILESTONES						
+ UNDERGROUND PIPING						
		28	18	21JAN12A	01MAR12	
+ ABOVE GROUND PIPING						
		18	18	04FEB12A	01MAR12	
+ FIRE PROTECTION SYSTEMS						
		14	0	02JAN12A	20JAN12A	
+ CONSTRUCTION MANAGEMENT						
		264	10	28FEB11A	19MAR12	50
INITIAL SITE SET UP						
+ SITE MOBILIZATION - TEMP FACILITIES						
		35	0	28FEB11A	15APR11A	100
SITE WIDE						
+ UNDERGROUND ELECTRICAL						
		40	0	21OCT11A	16JAN12A	100
+ ABOVE GROUND ELECTRICAL						
		82	12	21OCT11A	22FEB12	70
+ FENCING						
		29	29	07FEB12	19MAR12	
+ PREVENTIVE MAINTENANCE						
		124	35	14NOV11A	16MAR12	
+ SITE SECURITY						
		30	9	20DEC11A	17FEB12	40



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Finish Date 19MAR12
Data Date 05FEB12
Run Date 08FEB12 15:08

Current Bar
Progress Bar
Critical Activity

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Sheet 3 of 3

PERFORMANCE MECHANICAL, INC.

TID - A2PP - CPES DD=05FEB12

FULL SUMMARY SCHEDULE - SUSAN

**PLEASE BE AWARE THAT AS THE PROJECT MOVES FORWARD THERE WILL BE SEQUENCING CHANGES AND/OR DATE CHANGES TO ACTIVITIES.

EXHIBIT 2

KEY EVENTS LIST

KEY EVENTS LIST

PROJECT: TID Almond 2 Power Plant

DOCKET #: 09-AFC-2C

COMPLIANCE PROJECT MANAGER: Bruce Boyer

EVENT DESCRIPTION	DATE
Certification Date	December 15, 2010
Obtain Site Control	September 10, 2010
Online Date	Second Quarter 2012
POWER PLANT SITE ACTIVITIES	
Start Site Mobilization	February 28, 2011
Start Ground Disturbance	March 1, 2011
Start Grading	March 21, 2011
Start Construction	March 21, 2011
Begin Pouring Major Foundation Concrete	April 6, 2011
Begin Installation of Major Equipment	June 2011
Completion of Installation of Major Equipment	September 1, 2011
First Combustion of Gas Turbine	March 2012
Obtain Building Occupation Permit	March 2012
Start Commercial Operation	Second Quarter 2012
Complete All Construction	March 20, 2012
TRANSMISSION LINE ACTIVITIES	
Start T/L Construction	September 2011
Synchronization with Grid and Interconnection	January 2012
Complete T/L Construction	November 2011
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	May 26, 2011
Complete Gas Pipeline Construction	December 2011
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	N/A
Complete Water Supply Line Construction	N/A

EXHIBIT 3

CONSTRUCTION PHOTOGRAPHS

CONSTRUCTION PHOTOGRAPHS – JANUARY 2012

Placing Road Base on Grade

Pouring concrete for plant curbing

Generator #2 Hook-up

A2PP Looking South from Stormwater Basin

EXHIBIT 4

AQCMM MONTHLY REPORT

Almond 2 Power Plant Project

Almond 2 Power Plant AQCMM Log

1/3/12

Weather-Fog, Calm, Temp 42 Deg F.
On site 6:25 AM.
Attended Performance Mechanical, Inc. All employees Weekly safety meeting.
Started forming East side fence line storm water curb and gutter.
Continuing with oil line installation on fin fan cooler #3.
Used 19,000 gallons of water for dust control at A2PP site
Off site 3:10 PM.

1/4/12

Weather-Clear, Wind Calm Temp 35 Deg F. Water truck on site.
On site 6:25 AM. Heavy fog at 8:00 AM.
Finishing with East side fence line storm water curb and gutter forming.
Used 11,500 gallons of water for dust control at A2PP site
Off site 3:15 PM.

1/5/12

Weather-Clear, Wind Calm, Temp 34 Deg F.
On site 6:20
Bigge Crane on site to do prep work for removal of Unit#2 Generator.
Road bed gravel placed between fuel gas compressors and GSU #4.
Placing concrete in half of site East side storm water curb and gutter forms.
Started installing grating extension for panel access on GSU #4.
Used 2,500 gallons of water for dust control at A2PP site
Off site 3:10 PM.

1/6/12

Weather-Clear, Wind Calm, Temp 34 Deg F. Water truck on site.
On site 6:25 AM.
Removed #2 generator enclosure roof, cooling air duct and West end wall.
Finished placing concrete in second half of site East side storm water curb and gutter forms. Trenching for ground grid in fuel gas compressor area.
Used 1,500 gallons of water for dust control at A2PP site
Off site 3:10 PM.

1/9/12

Weather-Clear, Wind 5 MPH ESE, Temp 33 Deg F. Water truck on site.
On site 6:25 AM.
Attended Performance Mechanical, Inc. All employees Weekly safety meeting.
Grading and placing road bed gravel between GSU #4 and fuel gas compressor yard.
Removed #2 generator enclosure enter cooling air duct. Terminating #4 generator enclosure cooling air fan motors.
Used 12,800 gallons of water for dust control at A2PP site
Off site 3:05 PM.

1/10/12

Weather-Clear, Wind Calm, Temp 33 Deg F. Water truck on site.
On site 6:30 AM.
Devin Chapin covering for AQCMM Sam Comstock off today.
Started attaching mounting hardware on #4 stack CEMS sample line.
Trenching West fence ground grid at gas compressor yard.
Used 3,500 gallons of water for dust control at A2PP site
Off site 3:30 PM.

1/11/12

Weather-Clear, Wind Calm, Temp 32 Deg F. Water truck on site.
On site 6:20 AM.
Remover old #2 generator and transported to lay down yard. Trenched for fuel gas compressor yard security system on West fence.
Used 500 gallons of water for dust control at A2PP site
Off site 3:20 PM.

1/12/12

Weather-Clear, Wind Calm, Temp 32 Deg F. Water truck on site.
On site 6:20 AM.
Removed new #2 generator from shipping container and placed in its enclosure.
Trenched and set forms for unit #3 storm water trench drain.
Used 0 gallons of water for dust control at A2PP site, soil damp.
Off site 2:15 PM.

1/13/12

Weather-Clear, Wind 4 MPH ESE, Temp 31 Deg F. Water truck on site.
On site 6:20 AM.
Installing new extinction grating for nitrogen cylinder changing on GSU #4. installed one of two sample lines to #4 CEMS building. Installing lighting on #4 stack ladder platforms. Placing road base rock around West side of #4 generator. Reassembling #2 generator enclosure. Placing CO2 cylinders on unit #4 fire suppression skid.
Used 2,100 gallons of water for dust control at A2PP site
Off site 3:05 PM.

1/16/12

Weather-Clear, Wind 6 MPH WNW, Temp 32 Deg F. Water truck on site.
On site 6:20 AM.
Attended Performance Mechanical, Inc. All employees Weekly safety meeting.
Placing concrete for unit #3 storm water trench drain and between #2 CTG and CTG auxiliary equipment skid. Placing road base rock around West side of #3 generator.
Used 10,400 gallons of water for dust control at A2PP site
Off site 3:15 PM.

1/17/12

Weather-Clear, Wind Calm, Temp 23 Deg F. Water truck on site.
On site 6:15 AM.
Placing concrete for plant perimeter lighting foundations. Placing CO2 cylinders on unit #2 fire suppression skid. Trenched and set forms for unit #2 storm water trench drain. Placing road base rock around West side of #2 generator.
Used 0 gallons of water for dust control at A2PP site, soil damp.
Off site 3:10 PM.

1/18/12

Weather-Clear, Wind Calm, Temp 28 Deg. F. Water truck on site.
On site 6:25 AM.
Terminating gas compressor #3 motor. Installing new double wide gate in South perimeter fence. Removed all unit #2 lube oil pumps from sump for cleaning.
Placing concrete for unit #2 storm water trench drain.
Used 0 gallons of water for dust control at A2PP site, soil damp.
Off site 3:15 PM.

1/19/12

Weather-Clear, Wind 5 MPH ESE, Temp 28 Deg F. Water truck on site.
On site 6:20 AM.
Terminating #3 generator cables at the generator. Installing #4 generator West stair and access platform.
Used 0 gallons of water for dust control at A2PP site, soil damp.
Off site 3:10 PM.

1/20/12

Weather-Light rain, Wind 7 MPH SE, Temp 47 Deg F. Water truck on site.
On site 6:20 AM. .01 inch of rain over night.
Devin Chapin covering for AQCMM Sam Comstock off site at 12:00 noon.
Placing concrete between unit #4 lube oil skid and power control module. Installing instrumentation cabling on #4 gas turbine.
Used 0 gallons of water for dust control at A2PP site
Off site 3:30 PM.

1/23/12

Weather-Scattered clouds, Wind 16 MPH SE, Temp 49 Deg F. Water truck on site.
On site 6:20 AM. .80 inch of rain over the weekend.
Attended Performance Mechanical, Inc. All employees Weekly safety meeting.
Dewatering various transformer sumps. Terminating #2 gas compressor control panel.
Used 0 gallons of water for dust control at A2PP site
Off site 3:15 PM.

1/24/12

Weather-Fog, Wind 6 MPH NW, Temp 40 Deg F. Water truck on site.
On site 6:20 AM.
Pulling instrumentation and control cable to generator #3. Installing instrumentation cabling on #4 lube oil skid. Placing concrete for all three inlet air house access ladder support pads. Oil tanker truck delivering oil for #4 lube oil skid.
Used 0 gallons of water for dust control at A2PP site, soil damp.
Off site3:10 PM.

1/25/12

Weather-Clear, Wind Calm, Temp 38 Deg F. Water truck on site.
On site 6:25 AM.
Finishing switch yard gravel placement to premier fence line, fence grounding completed.
Used 0 gallons of water for dust control at A2PP site, soil damp.
Off site 3:10 PM.

1/26/12

Weather-Overcast, Wind Calm, Temp 48 Deg F. Water truck on site.
On site 6:20 AM.
Placing concrete between unit #2 lube oil skid and power control module. Set storm water drain box on East side of new shop addition.
Used 0 gallons of water for dust control at A2PP site, soil damp.
Off site 3:10 PM.

1/27/12

Weather-Overcast, Wind 17 MPH NNW , Temp 49 Deg F. Water truck on site.
On site 6:15 AM.
Pulling instrumentation and control cable to #4 gas turbine North side panel.
Used2,600 gallons of water for dust control at A2PP site
Off site 3:10 PM.

1/30/12

Weather-Mostly cloudy, Wind 5 MPH East, Temp 43 Deg F. Water truck on site.
On site 6:20 AM.
Attended Performance Mechanical, Inc. All employees Weekly safety meeting.
Started grading APP 1 West fence line. Running instrumentation conduit up #3 stack.
Used 500 gallons of water for dust control at A2PP site
Off site 3:10 PM.

1/31/12

Weather-Fog, Wind 4 MPH NNE, Temp 45 Deg F. Water truck on site.
On site 6:25 AM.
Devin Chapin covering for AQCMM Sam Comstock off site at 12:00 noon.
Tied storm water drain box on East side of new shop addition to existing storm water system. Assembling site pole lighting and installing on lighting foundations.
Used 0 gallons of water for dust control at A2PP site, soil damp.
Off site 3:30 PM.

Record Keeping Form

Month: Jan, 2012

FORM A – Area Water Application

Project Location: 4500 Crows Landing City: Modesto Size: 6.4 AC (Miles/ Acres)

Owner: TID Address: 333 East Canal Drive City: Turlock Zip: 95381-0949

Contact Person: Sam Comstock Title: ACQMM Phone: (209) 535-8267

Watering Schedule

Use this form to document daily water applications at a single site by recording total gallons per day and number of applications per day at a single area. Use additional forms, as necessary, for areas with different treatment schedules.

Area Treated: __Drive, dirt mix and gravel for dust control; pipe hydro tests. _____.

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	1	Holiday 2 0 gals	All day 3 1900 gals	All day 4 11,500 gals	All day 5 2500 gals	All day 6 1500 gals	7
2	8	All day 9 12,800 gals	All day 10 3500 gals	All day 11 500 gals	Damp 12 soil	All day 13 2100 gals	14
3	15	All day 16 10,400 gals	Damp 17 soil	Damp 18 soil	Damp 19 soil	Rain 20 Day	21
4	22	Rain 23 Day	Dense 24 Fog	Damp 25 soil	Damp 26 soil	All day 27 2600 gals	28
5	29	All Day 30 500 gals	Dense 31 Fog				
6							

Area Treated: ___6.4 AC_____.

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1							
2							
3							
4							

Record Keeping Form

Month: Jan, 2012

FORM B – For Cleanup of Trackout Carryout

Project Location: 4500 Crows Landing City: Modesto Size: 6.4 (Acres)

Owner: TID Address: 333 East Canal Drive City: Turlock Zip: 95381-0949

Contact Person: Sam Comstock Title: ACQMM Phone: (209) 535 -8267

Sweeping / Cleanup Schedule

Use this form to document the cleanup schedule by entering the time of day cleanup is done.
Mornings = am; Afternoon = pm. Write "end of day" if cleanup is done at the end of the workday.

Week Ending		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
01-07-12			11 AM	11 AM	11 AM	11 AM	11 AM	
			2 PM	2 PM	2 PM	2 PM	2 PM	
01-14-12								
			11 AM	11 AM	11 AM	11 AM	11 AM	
			2 PM	2 PM	2 PM	2 PM	2 PM	
01-21-12								
			11 AM	11 AM	11 AM	11 AM	Rain	
			2 PM	2 PM	2 PM	2 PM	Day	
01-28-12								
			Rain	11 AM	11 AM	11 AM	11 AM	
			Day	2 PM	2 PM	2 PM	2 PM	
02-04-12								
			11 AM					
			2 PM					

Record Keeping Form	Month: Jan, 2012

FORM C – For Permanent / Long Term Dust Controls

Project Location: 4500 Crows Landing City: Modesto Size: 6.4 (Acres)

Owner: TID Address: 333 East Canal Drive PO Box 949 City: Turlock Zip: 95381-0949

Contact Person: Sam Comstock Title: ACQMM Phone: (209) 535 -8267

Permanent Activities

Describe the types of permanent dust controls implemented, the date, the activity, such as applying an organic dust suppressant, gravel, paving or a trackout control device. Add comments such as the amount used, where used, brand name.

Date	Dust Control Activity Performed (Gravel, paving)	Comments: Type of material, application rate.
03-01-11	Large crushed rock at main gate	Knock off dirt from tires/vehicles
04-01-11	Gravel (hammered)	Around office trailers, lunch room and parking areas.
07-05-11	Widen front main gate and add more large crush rock	To accommodate large loads; knock off dirt from tires/vehicles.
09-27-11	Rumble rock at front gate	Turn over rock to knock out build up dirt
01-27-12	Placed rock on grade	Completed switch yard
01-30-12	Rumble rock at front gate	Turn over rock to knock out build up dirt
Jan 2012	Road base	Throughout various areas – approx. 45% complete for the project.

Comments: Ongoing 'hammered' gravel being placed to cut down dust.

Ultra Low Sulfur Diesel Fuel Ledger

For Month Of: Jan. 2012

	Delivery Date	Quantity Gal.	Delivered To	Received From	Equip. #	Operating Hrs.
1	1/17/12 (1)	48	PMI	Shell - Modesto, CA		
2	1/17/12 (2)	48	PMI	Shell - Modesto, CA		
3	1/17/12 (3)	48	PMI	Shell - Modesto, CA		
4	1/17/12 (4)	44	PMI	Shell - Modesto, CA		
5	1/26/12 (1)	48	PMI	Shell - Modesto, CA		
6	1/26/12 (2)	48	PMI	Shell - Modesto, CA		
7	1/26/12 (3)	25	PMI	Shell - Modesto, CA		
8						
9						
10						
11	12/30/11 (1)	49	Collins Electrical Co.	Joe's Food Mart Modesto		
12	12/30/11 (2)	43	Collins Electrical Co.	Joe's Food Mart Modesto		
13	1/17/12 (1)	47	Collins Electrical Co.	Joe's Food Mart Modesto		
14	1/17/12 (2)	43	Collins Electrical Co.	Joe's Food Mart Modesto		
15						
16						
17	12/20/11	40	Antioch Paving	E.R. Vine & Sons, Inc.		
18	12/28/11	40	Antioch Paving	E.R. Vine & Sons, Inc.		
19	12/29/11	40	Antioch Paving	E.R. Vine & Sons, Inc.		
20	01/03/12	40	Antioch Paving	E.R. Vine & Sons, Inc.		
21	01/03/12	40	Antioch Paving	E.R. Vine & Sons, Inc.		
27	01/04/12	40	Antioch Paving	E.R. Vine & Sons, Inc.		
28	01/04/12	30	Antioch Paving	E.R. Vine & Sons, Inc.		
22	01/05/12	10	Antioch Paving	E.R. Vine & Sons, Inc.		
23	01/06/12	22	Antioch Paving	E.R. Vine & Sons, Inc.		
24	1/9/12	40	Antioch Paving	E.R. Vine & Sons, Inc.		
29	1/9/12	18	Antioch Paving	E.R. Vine & Sons, Inc.		
30	1/10/12	40	Antioch Paving	E.R. Vine & Sons, Inc.		
31	01/10/12	40	Antioch Paving	E.R. Vine & Sons, Inc.		
32						
33						
25						
26						
34						
35						
36						
37						
38						
39						
40						

SHELL

1/17/~~11~~ 12 (1)

$200.00

Site Diesel Fuel

47.63 US GAL. (Truck 50 fuel cell)

JOB# 91613-23-402

Invoice #292698

(1)

WELCOME
TO
SHELL
SALES RECEIPT
93 004 089433
SHELL
1230 CROWS LANDING R
MODESTO
CA 95351

DATE01/17/12 7:38AM
INVOICE# 292698
AUTH# 017915
SHELL EXEC
ACCOUNT NUMBER

PERFORMANCE MECHANI

PUMP PRODUCT $/G
03 DIES $4.199

GALLONS FUEL TOTAL

47.630 $200.00

91613-23-402

THANK YOU
HAVE A NICE DAY

SHELL

1/17/~~11~~ 12 (2)

$200.00

Site Diesel Fuel

47.63 US GAL. (Truck 50 fuel cell)

JOB# 91613-23-402

Invoice #292706

(2)

WELCOME
TO
SHELL
SALES RECEIPT
93 004 089433
SHELL
1230 CROWS LANDING R
MODESTO
CA 95351

DATE01/17/12 7:45AM
INVOICE# 292706
AUTH# 017789
SHELL EXEC
ACCOUNT NUMBER

PERFORMANCE MECHANI

PUMP PRODUCT $/G
03 DIES $4.199

GALLONS FUEL TOTAL
47.630 $200.00

THANK YOU
HAVE A NICE DAY
91613-23-402

SHELL

1/17/~~11~~ 12 (3)

$200.00

Site Diesel Fuel

47.63 US GAL. (Truck 50 fuel cell)

JOB# 91613-23-402

Invoice #292714

(3)

WELCOME
TO
SHELL
SALES RECEIPT
93 004 089433
SHELL
1230 CROWS LANDING R
MODESTO
CA 95351

DATE01/17/12 7:51AM
INVOICE# 292714
AUTH# 017430
SHELL EXEC
ACCOUNT NUMBER

PERFORMANCE MECHANI

PUMP PRODUCT $/G
03 DIES $4.199

GALLONS FUEL TOTAL
47.630 $200.00

THANK YOU
HAVE A NICE DAY

91613-23-402

SHELL

1/17/~~11~~ 12 (4)

$186.39

Site Diesel Fuel

44.39 US GAL. (Truck 50 fuel cell)

JOB# 91613-23-402

Invoice #292765

(4)

WELCOME
TO
SHELL
SALES RECEIPT
93 004 089433
SHELL
1230 CROWS LANDING R
MODESTO
CA 95351

DATE01/17/12 7:58AM
INVOICE# 292722
AUTH# 017765
SHELL EXEC
ACCOUNT NUMBER

PERFORMANCE MECHANI

PUMP PRODUCT $/G
03 DIES $4.199

GALLONS FUEL TOTAL
44.390 $186.39

91613-23-402

THANK YOU
HAVE A NICE DAY

SHELL

1/26/12 (1)

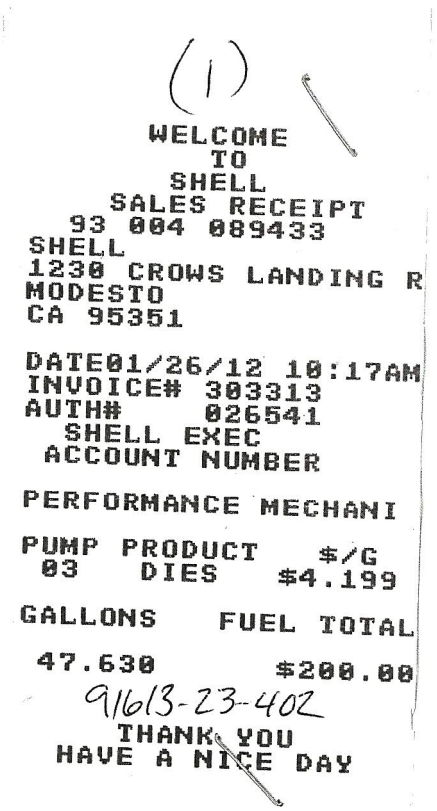
$200.00

Site Diesel Fuel

47.63 US GAL. (Truck 50 fuel cell)

JOB# 91613-23-402

Invoice #303313



(1)

WELCOME
TO
SHELL
SALES RECEIPT
93 004 089433
SHELL
1230 CROWS LANDING R
MODESTO
CA 95351

DATE01/26/12 10:17AM
INVOICE# 303313
AUTH# 026541
SHELL EXEC
ACCOUNT NUMBER

PERFORMANCE MECHANI

PUMP PRODUCT $/G
03 DIES $4.199

GALLONS FUEL TOTAL

47.630 $200.00

91613-23-402

THANK YOU
HAVE A NICE DAY

SHELL

1/26/12 (2)

$200.00

Site Diesel Fuel

47.63 US GAL. (Truck 50 fuel cell)

JOB# 91613-23-402

Invoice #303321

(2)

WELCOME
TO
SHELL
SALES RECEIPT
93 004 089433
SHELL
1230 CROWS LANDING R
MODESTO
CA 95351

DATE01/26/12 10:23AM
INVOICE# 303321
AUTH# 026864
SHELL EXEC
ACCOUNT NUMBER

PERFORMANCE MECHANI

PUMP PRODUCT $/G
03 DIES $4.199

GALLONS FUEL TOTAL

47.630 $200.00

91613-23-402

THANK YOU
HAVE A NICE DAY

SHELL

1/26/12 (3)

$103.02

Site Diesel Fuel

24.535 US GAL. (Truck 50 fuel cell)

JOB# 91613-23-402

Invoice #303339

(3)

WELCOME
TO
SHELL
SALES RECEIPT
93 004 089433
SHELL
1230 CROWS LANDING R
MODESTO
CA 95351

DATE01/26/12 10:33AM
INVOICE# 303339
AUTH# 026359
SHELL EXEC
ACCOUNT NUMBER

PERFORMANCE MECHANI

PUMP PRODUCT $/G
03 DIES $4.199

GALLONS FUEL TOTAL

24.535 $103.02

91613-23-402

THANK YOU
HAVE A NICE DAY

COLLINS ELECTRICAL #1

JOES FOOD MART
4955 CROWSLANDING RD
MODESTO CA 95358
VALERO GAS STATION
209-541-0195
TP06624164-001 JOE'S FOOD MART
4955 CROWS LANDING RD
MODESTO CA 95358

DUPLICATE OUTDOOR RECEIPT

DATE 01/17/12
TIME 8:32 AM
AUTH# 260012
VEHICLE# 00271
ODOMETER 3954

WEX

PUMP	PRODUCT	PPG
11	DIES	$4.299

GALLONS	TOTAL
46.522	$200.00

THANKS, COME AGAIN

COLLINS ELECTRICAL #2

JOES FOOD MART
4955 CROWSLANDING RD
MODESTO CA 95358
VALERO GAS STATION
209-541-0195
TP06624164-001 JOE'S FOOD MART
4955 CROWS LANDING RD
MODESTO CA 95358

DUPLICATE OUTDOOR RECEIPT

DATE 01/17/12
TIME 8:39 AM
AUTH# 267836
VEHICLE# 00271
ODOMETER 3954

WEX

PUMP	PRODUCT	PPG
11	DIES	$4.299

GALLONS	TOTAL
42.657	$183.38

THANKS, COME AGAIN

1

COLLINS
ELECTRICAL

WELCOME

TP06624164-001
JOE'S FOOD MART
4955 CROWS LANDING R
MODESTO CA 9535

DATE 12/30/11
TIME 10:22 AM
AUTH# 309129
VEHICLE# 00441
ODOMETER 3954

WEX

PUMP	PRODUCT	PPG
09	DIES	$4.099

GALLONS	TOTAL
48.792	$200.00

THANK YOU
HAVE A NICE DAY

2

COLLINS
ELECTRICAL

WELCOME

TP06624164-001
JOE'S FOOD MART
4955 CROWS LANDING R
MODESTO CA 9535

DATE 12/30/11
TIME 10:26 AM
AUTH# 313244
VEHICLE# 00441
ODOMETER 3954

WEX

PUMP	PRODUCT	PPG
09	DIES	$4.099

GALLONS	TOTAL
43.459	$178.14

THANK YOU
HAVE A NICE DAY

E.R. VINE & SONS, INC.

2825 Railroad Ave. - Ceres, CA 95307

RETURN SERVICE REQUESTED

member of CFN COMMERCIAL FUELING NETWORK

FUEL MANAGEMENT REPORT

REPORT DATE: 12/31/11
DUE DATE: 01/15/12
TOTAL AMOUNT DUE: $1,047.69

INVOICE NUMBER: ZZ0020
ACCOUNT NUMBER: ANTIO07929

41.ER123111.D11

ANTIOCH PAVING CO INC
P O BOX 1669

ANTIOCH CA 94509

E.R. Vine & Sons, Inc.
2825 Railroad Ave.
Ceres, CA 95307

Please make check payable to E.R. Vine & Sons, Inc.
Please detach at perforation and return upper portion with your payment.

ACCOUNT: ANTIO07929 INVOICE: ZZ0020 REPORT DATE: 12/31/11 DUE DATE: 01/15/12 PAGE: 1 of 1

Vehl	Site	Location	Date	Time	Misc	Odometer	Prod	Quantity	Price	FET	SET	SST	OTHER	Total$
Card 7053294		**JOHN CICHOSZ**												
0000000	001046	CONCORD,CA	12/15/11	07:28		11111.0	REG	36.024	2.87295	6.59	12.86	4.62	0.36	127.93
0000000	002885	CERES - CA	12/20/11	09:21	00001101		REG	34.496	2.96900	6.31	12.32	3.48	0.34	124.87
0000000	005684	ANTIOCH,CA	12/28/11	06:26			REG	28.668	3.07518	5.25	10.23	3.37	0.29	107.30
Card 7053296		**JOHN-RED DIESEL ONLY**												
0000000	001046	CONCORD,CA	12/15/11	07:34		1111.0	DSLRE	70.350	3.18455	0.00	0.00	23.87	0.70	248.60
0000000	002885	CERES - CA	12/20/11	09:19	00001101		DSLRE	39.717	3.26900	0.00	0.00	12.69	0.40	142.92
0000000	005684	ANTIOCH,CA	12/28/11	06:23			DSLRE	40.109	3.35877	0.00	0.00	13.68	0.40	148.80
0000000	005684	ANTIOCH,CA	12/29/11	05:32			DSLRE	40.113	3.32407	0.00	0.00	13.53	0.40	147.27
							Grand Totals.....	289.477		18.15	35.41	75.24	2.89	1047.69

TOTALS BY DRIVER CARD

7053294	JOHN CICHOSZ	99.188	18.15	35.41	11.47	0.99	360.10
7053296	JOHN-RED DIESEL ONLY	190.289	0.00	0.00	63.77	1.90	687.59
Card Totals.....		289.477	18.15	35.41	75.24	2.89	1047.69

TOTALS BY STATE/FUEL

CA DSLRED	190.289	0.00	0.00	63.77	1.90	687.59
CA REG	99.188	18.15	35.41	11.47	0.99	360.10
State/Fuel Totals.....	289.477	18.15	35.41	75.24	2.89	1047.69

TOTALS BY STATE

CA Excise Taxes	289.477	18.15	35.41	75.24	2.89	1047.69
State Totals.....	289.477	18.15	35.41	75.24	2.89	1047.69

Total Amount Due $1,047.69

PAST DUE AFTER DUE DATE. ACCOUNT IS SUBJECT TO LOCK OUT AT THIS DATE.

- MISC. FEES/TAXES WILL BE ADDED TO UNIT PRICE WITH THE EXCEPTION OF STATE AND FEDERAL TAXES ON ALL TRANSACTIONS OUTSIDE THE STATE OF CALIFORNIA.
- ALL TAXES ARE ADDED TO THE UNIT PRICE ON ALL TRANSACTIONS OUTSIDE THE UNITED STATES.
- ERRORS IN PRICE, EXTENSION AND ADDITION ARE SUBJECT TO CORRECTION.
- TAX NOTICE: SELLER HAS INCLUDED OR EXCLUDED FEDERAL, STATE, OR LOCAL TAXES ON THIS INVOICE THAT TO THE BEST OF SELLER'S INFORMATION, KNOWLEDGE AND BELIEF ARE APPLICABLE TO THIS SALE. ANY TAX OR FEE SUBSEQUENTLY DETERMINED TO BE APPLICABLE TO THIS SALE AND NOT INCLUDED IN THIS INVOICE WILL BE BILLED TO THE CUSTOMER AT A LATER DATE.
- IF ACCOUNT REMAINS UNPAID BY DUE DATE, CUSTOMER AGREES TO PAY INTEREST AT 18% PER ANNUM AND ALL REASONABLE ATTORNEY'S FEES IF COLLECTION IS REQUIRED.

E.R. VINE & SONS, INC.

2825 Railroad Ave. - Ceres, CA 95307

RETURN SERVICE REQUESTED

member of CFN COMMERCIAL FUELING NETWORK

FUEL MANAGEMENT REPORT

REPORT DATE: 01/15/12
DUE DATE: 01/31/12
TOTAL AMOUNT DUE: $1,784.58

INVOICE NUMBER: ZZ0020
ACCOUNT NUMBER: ANTIO07929

39.ER011512.D11

ANTIOCH PAVING CO INC
P O BOX 1669

ANTIOCH CA 94509

E.R. Vine & Sons, Inc.
2825 Railroad Ave.
Ceres, CA 95307

Please make check payable to E.R. Vine & Sons, Inc.
Please detach at perforation and return upper portion with your payment.

ACCOUNT: ANTIO07929 INVOICE: ZZ0020 REPORT DATE: 01/15/12 DUE DATE: 01/31/12 PAGE: 1 of 1

Vehl	Site	Location	Date	Time	Misc	Odometer	Prod	Quantity	Price	FET	SET	SST	OTHER	Total$
Card 7053294		**JOHN CICHOSZ**												
0000000	002886	CERES - CA	01/03/12	08:08	00001101		REG	25.807	3.19900	4.72	9.21	2.79	0.26	99.54
0000000	005684	ANTIOCH,CA	01/05/12	06:15			REG	9.554	3.25368	1.75	3.41	1.18	0.10	37.53
0000000	005684	ANTIOCH,CA	01/09/12	08:00		1515.0	REG	36.177	3.15328	6.62	12.92	4.36	0.36	138.34
0000000	002886	CERES - CA	01/10/12	09:09	00001101		SUPR	5.295	3.34900	0.97	1.89	0.59	0.06	21.24
0000000	000119	RIPON,CA	01/11/12	15:39			REG	33.155	3.14039	6.07	11.84	3.37	0.33	125.73
0000000	005347	LIVERMORE,CA	01/13/12	08:14			REG	31.438	3.10999	5.75	11.22	4.32	0.31	119.37
Card 7053296		**JOHN-RED DIESEL ONLY**												
0000000	002886	CERES - CA	01/03/12	07:53	00001101		DSLRE	39.995	3.45900	0.00	0.00	13.52	0.40	152.26
0000000	002886	CERES - CA	01/03/12	07:57	00001101		DSLRE	39.995	3.45900	0.00	0.00	13.52	0.40	152.26
0000000	005684	ANTIOCH,CA	01/04/12	07:21			DSLRE	40.115	3.56147	0.00	0.00	14.50	0.40	157.77
0000000	005684	ANTIOCH,CA	01/04/12	07:23			DSLRE	30.389	3.56147	0.00	0.00	10.98	0.30	119.51
0000000	005684	ANTIOCH,CA	01/05/12	06:04			DSLRE	9.809	3.60477	0.00	0.00	3.58	0.10	39.04
0000000	005684	ANTIOCH,CA	01/06/12	06:27			DSLRE	21.888	3.55077	0.00	0.00	7.89	0.22	85.83
0000000	005684	ANTIOCH,CA	01/09/12	07:55		1515.0	DSLRE	40.095	3.50997	0.00	0.00	14.28	0.40	155.41
0000000	005684	ANTIOCH,CA	01/09/12	07:58		1515.0	DSLRE	18.305	3.50997	0.00	0.00	6.52	0.18	70.95
0000000	002886	CERES - CA	01/10/12	09:05	00001101		DSLRE	39.995	3.51900	0.00	0.00	13.76	0.40	154.90
0000000	002886	CERES - CA	01/10/12	09:09	00001101		DSLRE	39.995	3.51900	0.00	0.00	13.76	0.40	154.90
							Grand Totals.....	**462.007**		**25.88**	**50.49**	**128.92**	**4.62**	**1784.58**

TOTALS BY DRIVER CARD

7053294	JOHN CICHOSZ	141.426	25.88	50.49	16.61	1.42	541.75
7053296	JOHN-RED DIESEL ONLY	320.581	0.00	0.00	112.31	3.20	1242.83
Card Totals.....		462.007	25.88	50.49	128.92	4.62	1784.58

TOTALS BY STATE/FUEL

CA DSLRED	320.581	0.00	0.00	112.31	3.20	1242.83
CA REG	136.131	24.91	48.60	16.02	1.36	520.51
CA SUPR	5.295	0.97	1.89	0.59	0.06	21.24
State/Fuel Totals.....	462.007	25.88	50.49	128.92	4.62	1784.58

TOTALS BY STATE

CA Excise Taxes	462.007	25.88	50.49	128.92	4.62	1784.58

Total Amount Due **$1,784.58**

PAST DUE AFTER DUE DATE. ACCOUNT IS SUBJECT TO LOCK OUT AT THIS DATE.

- MISC. FEES/TAXES WILL BE ADDED TO UNIT PRICE WITH THE EXCEPTION OF STATE AND FEDERAL TAXES ON ALL TRANSACTIONS OUTSIDE THE STATE OF CALIFORNIA.
- ALL TAXES ARE ADDED TO THE UNIT PRICE ON ALL TRANSACTIONS OUTSIDE THE UNITED STATES.
- ERRORS IN PRICE, EXTENSION AND ADDITION ARE SUBJECT TO CORRECTION.
- TAX NOTICE: SELLER HAS INCLUDED OR EXCLUDED FEDERAL, STATE, OR LOCAL TAXES ON THIS INVOICE THAT TO THE BEST OF SELLER'S INFORMATION, KNOWLEDGE AND BELIEF ARE APPLICABLE TO THIS SALE. ANY TAX OR FEE SUBSEQUENTLY DETERMINED TO BE APPLICABLE TO THIS SALE AND NOT INCLUDED IN THIS INVOICE WILL BE BILLED TO THE CUSTOMER AT A LATER DATE.
- IF ACCOUNT REMAINS UNPAID BY DUE DATE, CUSTOMER AGREES TO PAY INTEREST AT 18% PER ANNUM AND ALL REASONABLE ATTORNEY'S FEES IF COLLECTION IS REQUIRED.

Almond 2 Equipment On Site Ledger

New Equip. * Decal

Date:	Line	Equip. Type	Manufacturer	Equip. #	Model#	Engine Mod	Engine Ser. #	Family #	Contractor	HP	Disp.	Hrs.	Tier	Rental
3/10/2011	*8	Broom	Lay-Mor	13001-3038	8HC	V1505	AJ3467	AKBXL01.5BCD	PMI	46	1.50	90.1	4	Cresco
3/23/2011	*13	Backhoe	Carerpillar	Owner	420D	3054	7BJ58204	1PKXL03.9AK1	Alcorn Excavating	93	4.0	6566	1	Owner
4/4/2011	*17	Extended Forklift	JLG	1047648	10054	QSB4.5	45862694	8CEXL275AAG	Collins Electrical	110	4.3	2220	3	United rentals
4/25/2011	*23	Personnel Cart	Deere	Owner	HPX Gator	3TNE68C-EJUV	CH300D024247	4YDXL0.78U3N	TID	18.2	0.8	1369	1	Owner
5/10/2011	*26	Compressor	Caterpillar	0133-5142	XAS-185CD7	C2.2	G7L01653	8H3XL2.22L84	PMI	45.0	2.2	263	4	
6/20/2011	*34	Extended Forklift	Caterpillar	NM28176	TL1055	C4.4	44403232	8PKXL04.4NJ1	PMI	87.0	4.4		3	Cresco
5/2/2011	*37	Backhoe	Caterpillar	NM27938	430E	3514/2200	G4D26974	8PKXL04.4RG3	PMI	100.0	4.4		3	Cresco
7/5/2011	*39	Manlift	Genie	12552-2506	S-65	404D-22	750054	BH3XL2.22N4T	PMI	50.0	2.2	5.8	4	Cresco
7/18/11	*45	Manlift	Genie	12552-2507	S-65	404D-22	749301	BH3XL02.22N4L	PMI		2.2	45	4	Cresco
8/5/2011	*55	Extended Forklift	Carerpillar	NM28827	TL1055	C4.4	44413022	BPXL04.4NJ1	PMI	87	4.40	19	3	Cresco
8/17/2011	*58	Excavator	Takeuchi	845911	TB125	3TNV82A-Q	22242	5YDXL1.33K3N	Collins Electrical	23.2	1.33	1386	2	United rentals
8/29/2011	*62	Manlift	Genie	234703	Z-60/34	D2011-L-031	10646363	8DZXL03.1041	PMI	49	2.3		4	Sun Belt
9/9/2011	*64	Compressor	Sullivan	1331	D185Q	4024TF270C	PE4024T045221	5JDXL02.4074	Collins Electrical	26.8	2.40	1116	2	Owner
12/13/2011	*73	Skip Loader	Deere	1040743	210LJ	4045HT054	PE4045L172167	BJDXL06.8106	Antioch Paving Co.	98	4.5	1.2	3	Pape
12/15/2011	*74	Manlift	Genie	12503-3522	S-40	404D-22	190363490	AH3XL2.22N4L	PMI	50.0	2.2	300	4	Cresco
12/16/11	*75	Welder	Lincoln	10555-5033	Vantage 500	F4L2011	10307040	6DZXL03.1041	PMI	48.7	3.1	813	2	Cresco
1/25/2012	*76	Manlift	Genie	236190	860SJ	D2011 L04	10664492	8DZXL03.6081	Collins Electrical	62	3.6	1361	4	Sun Belt
1/30/2012	*77	Light Standard	Allmand	1065-2137	NL 8	D905-BG-ES01	6N2252	6KBXL01.3BCC	PMI	13.0	0.9	2782	2	Cresco
1/30/2012	*78	Light Standard	Allmand	1065-2167	NL 6	LDW 1003GE	5543592	7LBDL1.37SFO	PMI	13.4	1.0	2081	2	Cresco
1/30/2012	*79	Light Standard	Allmand	1065-2160	NL 8	D905-BG-ES01	7F1877	7KBXL01.3BCC	PMI	13.0	0.9	2503	2	Cresco
1/30/2012	*80	Light Standard	Allmand	1065-2182	NL 8	D1105-BG-ET01	8G6738	8KBZL01.5BCC	PMI	16.9	1.10	1815	4	Cresco

Summary of Diesel Construction Equipment Mitigation Determinations

For month of : Jan-2012

Item	Equipment Make & Model	Engine Make, Model, Rating	Tier 3 Engine (yes / no)	Days Expected Onsite	Excess Oil Consumption Expected (yes / no)	Adequate Exhaust Temp. (yes / no)	Adequate Installation Space (yes / no)	Is there an ARB Certified Soot Filter this engine (yes / no)	Mitigation Determination (ULSFO, Tier 3 engine, soot filter)
8	Lay - Mor Broom 8HC	Kubota V1505 46 HP	Yes	365	No	N/A	N/A	N/A	ULSFO
13	Caterpillar Backhoe 420D	Perkins C4.4 93 HP	No	120	No	N/A	N/A	N/A	ULSFO Alcorn Excavating-Hardship Exemption approved
17	JLG Extended Forklift QSB4.5	Cummins QSB4.5 110 HP	Yes	120	No	N/A	N/A	N/A	ULSFO
23	Deere Personnel Cart HPX Gator	Yanmar Co. 3TNE68C-EJUV 18.2 HP	No	305	No	N/A	N/A	N/A	Exempt Less than 50 HP ULSFO
26	Caterpillar Compressor XAS-185CD7	IHI Shibaura C2.2 45 HP	Yes	150	No	N/A	N/A	N/A	ULSFO
34	Caterpillar Extended Forklift TL1055	Perkins C4.4 87 HP	Yes	90	No	N/A	N/A	N/A	ULSFO
37	Caterpillar Backhoe 430E	Perkins C4.4 100 HP	Yes	110	No	N/A	N/A	N/A	ULSFO
39	Genie Manlift S-65	Ihi Shibaura 404D-22 50 HP	Yes		No	N/A	N/A	N/A	ULSFO
45	Genie Manlift S-65	Ihi Shibaura 404D-22 50 HP	Yes		No	N/A	N/A	N/A	ULSFO
55	Caterpillar Extended Forklift TL1055	Perkins C4.4 87 HP	Yes		No	N/A	N/A	N/A	ULSFO
58	Takeuchi Excavator TB125	Yanmar 3TNV82A-Q 23.2HP	No		No	N/A	N/A	N/A	Exempt Less than 50 HP ULSFO
62	Genie Manlift Z-60/34	Deutz AG D2011-L-031 49 HP	Yes		No	N/A	N/A	N/A	ULSFO

Summary of Diesel Construction Equipment Mitigation Determinations

For month of : Jan-2012

Item	Equipment Make & Model	Engine Make, Model, Rating	Tier 3 Engine (yes / no)	Days Expected Onsite	Excess Oil Consumption Expected (yes / no)	Adequate Exhaust Temp. (yes / no)	Adequate Installation Space (yes / no)	Is there an ARB Certified Soot Filter this engine (yes / no)	Mitigation Determination (ULSFO, Tier 3 engine, soot filter)
64	Sullivan Compressor D185Q	John Deere 4024TF270C 26.8 HP	No	60	No	N/A	N/A	N/A	Exempt Less than 50 HP ULSFO
73	Deere Skip Loader 210LJ	John Deere 4045HT054C 84 HP	Yes	30	No	N/A	N/A	N/A	ULSFO
74	Genie Manlift S-40	Ihi Shibaura 404D-22 50 HP	Yes	31	No	N/A	N/A	N/A	ULSFO
75	Lincoln Welder Vantage 500	Deutz AG F4L2011 48.7 HP	No	90	No	N/A	N/A	N/A	Exempt Less than 50 HP ULSFO
76	Genie Manlift 860SJ	Deutz AG D2011L04 60 HP	Yes	30	No	N/A	N/A	N/A	ULSFO
77	Allmand Light Standard NL 8	Kubota D905-BG-ES01 13 HP	Yes	30	No	N/A	N/A	N/A	Exempt Less than 50 HP ULSFO
78	Allmand Light Standard NL 6	Lombardini LDW 1003GE 13.4 HP	No	30	No	N/A	N/A	N/A	Exempt Less than 50 HP ULSFO
79	Allmand Light Standard NL 8	Kubota D905-BG-ES01 13 HP	No	30	No	N/A	N/A	N/A	Exempt Less than 50 HP ULSFO
80	Allmand Light Standard NL 8	Kubota D1105-BG-ET01 16.9 HP	No	30	No	N/A	N/A	N/A	ULSFO
81									
82									
83									

Diesel Engine Data Summary

For month of : Jan-2012

Item	Engine Make & Model	Engine Serial Number	Engine Mfr. Year	Engine Displacement (Liters)	Engine Rating (HP)	EPA / ARB Conformity Date	Tier 3 Engine Available	Operating Hrs. since last major overhaul	Exhaust Temp.	Contractor
8	Kubota Broom V1505	AJ3467	2010	1.5	46 HP	12/22/2009	Tier 4	90.1	NA	PMI
13	Caterpillar Backhoe 3054	7BJ58204	2001	3.99	93	12/22/2001	Tier 1	6566.2	NA	Alcorn Excavating-Hardship Exemption approved
17	Cummins Extended Forklift QSB4.5	45862694	2008	4.5	110	12/19/2007	Tier 3	2220	NA	Collins Electrical
23	Yanmar Co. Personnel cart 3TNE68C-EJUV	CH3008D024247	2004	0.78	18.2	7/13/2004	Tier 1	1369.9	NA	TID Exempt less than 50 HP
26	IHI Shibaura Compressor C2.2	G7L01653	2008	2.216	45	12/19/2007	Tier 4	263.2	NA	PMI
34	Perkins Extended Forklift C4.4	44403232	2008	4.4	87	3/17/2008	Tier 3		NA	PMI
37	Perkins Backhoe C4.4	G4D26974	2008	4.4	100	3/17/2008	Tier 3	568	NA	PMI
39	Ihi Shibaura Manlift 404D-22	750054	2010	2.216	50	12/27/2010	Tier 4		NA	PMI
45	IHI Shibaura Manlift 404D-22	749301	2011	2.2		12/27/2010	Tier 4	45	NA	PMI
55	Perkins Extended Forklift C4.4	44413022	2007	4.4	87	12/13/2007	Tier 3	19	NA	PMI
58	Yanmar Excavator 3TNV82A-Q	22242	2005	1.33	23.2	1/10/2005	No	1386	NA	Collins Electrical
62	Deutz Manlift D2011-L-031	10646363	2008	2.33	49	1/16/2008	Tier 4		NA	PMI

Diesel Engine Data Summary

For month of : Jan-2012

Item	Engine Make & Model	Engine Serial Number	Engine Mfr. Year	Engine Displacement (Liters)	Engine Rating (HP)	EPA / ARB Conformity Date	Tier 3 Engine Available	Operating Hrs. since last major overhaul	Exhaust Temp.	Other Information
64	John Deere Compressor 4024TF270C	PE4024T045221	2004	2.4	26.8	8/18/2004	No	1116	NA	Collins Electrical Exempt less than 50 HP
73	Deere Skip Loader 4045HT054	PE4045L172167	2010	4.5	84 HP	12/6/2010	Yes	98	NA	Antioch Paving Co.
74	IHI Shibaura Manlift 404D-22	190363490	2010	2.22	50 HP	1/26/2010	Yes	300	NA	PMI
75	Deutz Welder F4L2011	10307040	2005	3.1	48.7	12/30/2005	Tier 2	705	NA	PMI Exempt less than 50 HP
76	Deutz Manlift D2011-L-04	10664492	2008	3.6	62	2/22/2008	Tier 4	1361	NA	Collins Electrical
77	Kubota Light standard D905-BG-ES01	6N2252	2005	1	13	12/30/2005	Tier 2	2782	NA	PMI Exempt less than 50 HP
78	Lombardini Light standard LDW 1003GE	5543592	2006	1.02	13.4	12/26/2006	Tier 2	2081	NA	PMI Exempt less than 50 HP
79	Kubota Light standard D905-BG-ES01	7F1877	2006	1	13	12/21/2006	Tier 2	2503	NA	PMI Exempt less than 50 HP
80	Kubota Light standard D1105-BG-ET01	8G6738	2007	1.1	16.9	6/18/2007	Tier 4	1815	NA	PMI
81										
82										
83										

California Environmental Protection Agency AIR RESOURCES BOARD	DEUTZ AG	EXECUTIVE ORDER U-R-013-0229 New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2008	8DZXL03.6081	3.619	Diesel	8000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Direct Diesel Injection, Exhaust Gas Recirculation	Loader, Tractor, Other Industrial Equipment

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			HC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
37 ≤ kW < 56	Tier 4 interim	STD	N/A	N/A	4.7	5.0	0.30	20	15	50
		CERT	--	--	4.1	1.4	0.18	1	1	1

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 22nd day of February 2008.

Annette Hebert, Chief
Mobile Source Operations Division

California Environmental Protection Agency AIR RESOURCES BOARD	KUBOTA CORPORATION	EXECUTIVE ORDER U-R-025-0229 New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2006	6KBXL01.3BCC	0.898, 1.001, 1.335	Diesel	3000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Indirect Diesel Injection	Generator Set

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kW-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kW-hr)					OPACITY (%)		
			HC	NOx	NMHC+Nox	CO	PM	ACCEL	LUG	PEAK
8 ≤ kW < 19	Tier 2	STD	N/A	N/A	7.5	6.6	0.80	N/A	N/A	N/A
		CERT	--	--	5.3	2.0	0.48	--	--	--

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 30th day of December 2005.

Raphael Susnowitz

for Allen Lyons, Chief
Mobile Source Operations Division

California Environmental Protection Agency AIR RESOURCES BOARD	LOMBARDINI S.R.L.	EXECUTIVE ORDER U-R-027-0076 New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engine and emission control system produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2007	7LBDL1.37SFO	1.028	Diesel	5000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Indirect Diesel Injection	Loaders, Tractor, Dozer, Pump, Compressor, Generator Set, Other Industrial Equipment

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			HC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
19 ≤ kW < 37	Tier 2	STD	N/A	N/A	7.5	5.5	0.60	20	15	50
		CERT	--	--	4.8	2.4	0.26	2	2	4

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 26TH day of December 2006.

Raphael Susnowitz

for Annette Hebert, Chief
Mobile Source Operations Division

California Environmental Protection Agency AIR RESOURCES BOARD	KUBOTA CORPORATION	EXECUTIVE ORDER U-R-025-0278 New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2007	7KBXL01.3BCC	0.898, 1.001, 1.335	Diesel	3000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Indirect Diesel Injection	Generator Set

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kW-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kW-hr)					OPACITY (%)		
			HC	NOx	NMHC+Nox	CO	PM	ACCEL	LUG	PEAK
8 ≤ kW < 19	Tier 2	STD	N/A	N/A	7.5	6.6	0.80	N/A	N/A	N/A
		CERT	--	--	5.3	2.1	0.48	--	--	--

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 21st day of December 2006.

Raphael Susnowitz

for Annette Hebert, Chief
Mobile Source Operations Division

California Environmental Protection Agency AIR RESOURCES BOARD	KUBOTA CORPORATION	EXECUTIVE ORDER U-R-025-0342 New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2008	8KBXL01.5BCC	1.123, 1.498	Diesel	3000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Indirect Diesel Injection	Generator Set

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kW-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kW-hr)					OPACITY (%)		
			HC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
8 ≤ kW < 19	Tier 4	STD	N/A	N/A	7.5	6.6	0.40	N/A	N/A	N/A
		CERT	--	--	5.2	1.0	0.21	--	--	--

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 18TH day of June 2007.

Raphael Susnowitz

pp Annette Hebert, Chief
Mobile Source Operations Division

EXHIBIT 5

BIOLOGICAL RESOURCE MONITORING REPORT

Biological Resources

Mitigation Monitoring for the

Turlock Irrigation District

Almond 2 Power Plant

MONTHLY COMPLIANCE REPORT #11 (BIO-2)

January 2012

Prepared by:

CH2M HILL

2485 Natomas Park Drive, Suite 600

Sacramento, California 95833

Almond 2 Power Plant

MONTHLY COMPLIANCE REPORT

January 2012

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APPENDICES

INTRODUCTION

The Almond 2 Power Plant (A2PP) is a nominal 174-megawatt (MW) facility consisting of three General Electric Energy LM6000PG SPRINT natural gas-fired turbine generators and associated equipment. The facility is located in the City of Ceres, Stanislaus County, California, on an approximately 4.6-acre parcel adjacent to the existing 48-MW Turlock Irrigation District (TID) Almond Power Plant.

The project site is north of the existing 48-MW Almond Power Plant, east of a WinCo Supermarket distribution warehouse, south of a farm supply facility, and various industrial facilities (mobile building distributor and drilling equipment storage laydown areas) are to the east. The project address is 4500 Crows Landing Road, Modesto, California. Although the address identifies the site in Modesto, it is located within the city limits of Ceres and is approximately 2 miles south from the Ceres city center. Modesto is approximately 5 miles to the north. The project site was previously used by WinCo as a borrow pit during construction of its distribution center and was backfilled and graded in 2008 using commercially available fill. The construction laydown and parking area is located adjacent to the western border of the site, within the WinCo property. An approximately 6.4-acre parcel is being used for both construction parking and laydown areas.

The A2PP will be interconnected to the TID transmission system via an approximately 1,110 foot long transmission line, which will extend south to the proposed Grayson Substation. The project will also require that TID re–rate 2.9 miles of an existing 69-kV sub-transmission line from the Almond Power Plant to the TID Crows Landing Substation that currently serves parts of the cities of Ceres and Modesto as well as surrounding rural areas.

Process water will be obtained by tying in to the existing process water line for the Almond Power Plant from the City of Ceres Wastewater Treatment Plant (WWTP). An existing well at the southeastern corner of the Almond Power Plant property will provide Service water for the facility. Potable water will be delivered to A2PP by a commercial water service.

Pacific Gas and Electric Company (PG&E) will design, construct, own, operate, and maintain a natural gas pipeline that will be constructed in part to serve the A2PP project. The alignment for PG&E's Line DFM 7216-03 is approximately 11.6 miles long and generally extends in a southerly direction from the existing Almond Power Plant boundary and joins with PG&E's existing natural gas pipeline, Line #215, at West Bradbury Road. In addition, a 1.8-mile-long segment of Line #215 will be reinforced along Prune Avenue on the western side of the San Joaquin River. This segment is referred to as the Reinforcement Segment. No work is planned within or under the river or on its banks. All pipeline water crossings occur under or in TID's managed canal and drain system. The construction right-of-way (ROW) for the pipeline would be 85 feet wide, and the permanent pipeline easement would be 50 feet wide. The pipeline would be installed in a relatively shallow trench; however, to cross under the Harding Drain, Crows Landing Road and other TID canals, drains, and improvement district canals and/or pipelines, a trenchless construction method will be used (i.e., horizontal directional drill, jack and bore or hammer bore) construction method will be used.

The project was designed to avoid significant adverse impacts to sensitive biological resources to the furthest extent feasible. Protection measures were developed during informal and formal consultation with local, state, and federal agencies to minimize unavoidable project impacts. Project approval from the California Energy Commission (CEC) was on December 15, 2010 and included conditions that must be monitored by the Designated Biologist (DB). The DB or Biological Monitor (BM) will be available during all phases of construction to ensure compliance with the mitigation measures outlined in the *Biological Resources Mitigation Implementation and Monitoring Plan* (BRMIMP). The following report includes a summary of the A2PP monitored biological activities for January 2012.

MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS

Mitigation measures for the A2PP project site were developed through consultation with the California Energy Commission (CEC), and state and federal agencies. Documentation of compliance with any conditions of the agency permits will be included in this section when required on the project.

Conditions of Certification (COC)

All COC's were in compliance for the month of January. The following COC's BIO-5, BIO-6, and BIO-7 were applicable compliance measures for the month of January 2012 and require specific language to be included in each monthly compliance report. Therefore each is addressed separately below.

BIO-5. States that every worker will attend and participate in the Worker Environmental Awareness Program (WEAP) and the DB and/or BM make weekly site visits to insure that BIO-5 was in compliance. During the month of January, the BM Victor Leighton verified project compliance with BIO-5.

BIO-6. States that implementation of BRMIMP measures shall be reported in the monthly compliance reports by the DB (i.e., survey results, construction activities that were monitored, species observed). A written monthly report was prepared by the BM Victor Leighton and Todd Ellwood for the month of January and identifies survey results and construction activities (General Notes and Observations) and species observed (Appendix A).

BIO-7. Addresses the implementation and application of biological impact and avoidance measures, Best Management Practices (BMPs), Stormwater Pollution Prevention Plan (SWPPP), and staking and flagging of exclusion zones of biological resources. Also, every worker must participate in the WEAP and the DB and/or BM are to make weekly site visits to insure that BIO-7 was in compliance. During the month of January, the BM Victor Leighton verified project compliance with BIO-7.

SUMMARY OF SITE ACTIVITIES

This section provides a summary of January project activities and associated biological monitoring. A cumulative wildlife species list is included in Appendix A. The BM Victor Leighton provided oversight during the month of January and completed logs summarizing activities, personal interactions, and observations made during each site visit. These logs are available on request.

Power Plant Site Construction

A2PP site construction in January included electrical and gas yard work; installation of structures associated with the three Selective Catalytic Reduction (SCR) Units; wire installation for the three SCR units and associated facilities; continued construction of the gas metering station piping; gas compressor piping; underground drainage trenching; upkeep of sediment fence and SWPPP measure installation; and maintenance of winterization BMP's (for example, hydroseeding of stormwater basins) and sediment fence for the A2PP site and Winco Foods property. The A2PP facilities are approximately 80 percent complete to date. Monitoring and weekly site visits were performed by Mr. Leighton as required within the COC's to document permit compliance.

Worker Environmental Awareness Program

The Worker Environmental Awareness Program (WEAP) was developed exclusively for the A2PP project. Program materials include a worker handbook, training video, posted speed limit signs and sensitive species awareness supporting posters. As required by the COC BIO-5, all new employees must attend the WEAP. A total of 17 personnel received WEAP training in January at the A2PP site, with a cumulative total of 691 employees trained to date for the overall project. The PMI Safety Supervisor keeps signed affidavits on file and Susan Strachan, TID's Compliance Project Manager, keeps PG&E's WEAP training copies.

GENERAL DAILY NOTES AND OBSERVATIONS

During January the BM, Victor Leighton, covered daily and weekly project biological oversight. The monitoring efforts are documented below. No wildlife issues or interactions occurred for the month of January; therefore, there are no wildlife observations forms included with this report. Representative Photographs are included in Appendix B.

On January 4th, BM Victor Leighton was on site to conduct a weekly inspection of the A2PP site. The BM contacted key construction personnel during the site inspection to address any issues or concerns at the time of the visit. No issues or questions were raised during these interactions. Site work included interior controls and wiring for the three SCRs, rough grading within the gas yard, curbing and storm drain inlets installation, and extension of grounding grid south of the electrical substation. A2PP construction was in compliance with all biological resources COCs. For representative photographs taken on this day, please refer to Appendix B, Photos 1 and 2.

On January 13th, BM Victor Leighton was on site to conduct a weekly inspection of the A2PP site. The BM contacted key construction personnel during the site inspection to address any issues or concerns at the time of the visit. Victor DiOrio PMI Safety and Environmental Lead informed the BM that there had been a couple of hawks lingering and perching in the project area. During the site visit, the BM did not observe any hawks onsite. Site work included continued interior controls and wiring for the three SCRs, work within the gas yard, and the completion of curbing and storm-drain inlets installation along the eastern site boundary (Appendix B, Photos 3 through 6). The BM noted that a man lift that had had a hydraulic fluid leak inside the project's laydown area was properly contained with spill kit materials. The machine was in the process of being repaired at the time the BM was onsite. A2PP construction was in compliance with all biological resources COCs.

On January 18th, BM Victor Leighton was on site to conduct a weekly inspection of the A2PP site. The BM contacted key construction personnel during the site inspection to address any issues or concerns at the time of the visit. No issues or questions were raised during these interactions. Site work included continued installation of the SCRs, gas yard piping, and electrical yard. Construction of the site is estimated to be at approximately 80 percent complete to date. As site work has decreased, laydown and staging areas are being cleaned up, reorganized, and reduced. A2PP construction was in compliance with all biological resources COCs.

On January 26th, BM Victor Leighton was on site to conduct a weekly inspection of the A2PP site. The BM contacted key construction personnel during the site inspection to address any issues or concerns at the time of the visit. No issues or questions were raised during these interactions. In addition to continued work on the SCR's, the installation of various other power plant facilities occurred on this day (Appendix B, Photos 7 through 9). A2PP construction was in compliance with all biological resources COCs.

On January 31th, BM Victor Leighton was on site to conduct a weekly inspection of the A2PP site. The BM attempted to contact key construction personnel, but due to other meetings this interaction was not possible. The BM raised no issues or questions during the site visit. In addition to continued work on the SCR's, final grading south of the electrical switch yard was completed. Piping interconnects in the gas compressor yard also occurred (Appendix B, Photos 10 and 11). The A2PP project site was in compliance with all biological resources COCs.

APPENDIX A

Cumulative Wildlife Species Observed In or Near the Project Area

Cumulative Wildlife Species Observed in or Near the A2PP Project Area

Common Name	Scientific Name	Comments
BIRDS		
American white pelican	*Pelecanus erythrorhynchos*	Pipeline route
Double crested cormorant	*Phalacrocorax auritus*	Pipeline route
Greater white-fronted goose	*Anser albifrons*	Fly over
Canada goose	*Branta canadensis*	Pipeline route
Mallard	*Anas platyrhynchos*	TID stormwater pond
Northern shoveler	*Anas clypeata*	Fly over
Lesser scaup	*Aythya affinis*	Fly over
Canvasback	*Aythya valisineria*	Fly over
Common merganser	*Mergus merganser*	Fly over
Ruddy duck	*Oxyura jamaicensis*	Pipeline route
White-faced ibis	*Plegadis chihi*	Pipeline route
Great blue heron	*Ardea herodias*	Pipeline route
Green heron	*Butorides virescens*	Pipeline route
Great egret	*Ardea alba*	TID pond
Snowy egret	*Egretta thula*	Pipeline route
Turkey vulture	*Cathartes aura*	Fly over
White-tailed kite	*Elanus leucurus*	Pipeline route
Northern harrier	*Circus cyaneus*	Pipeline route
Cooper's hawk	*Accipiter cooperii*	Pipeline route
Sharp-shinned hawk	*Accipiter striatus*	Fly over
Red-shouldered hawk	*Buteo lineatus*	Pipeline route
Red-tailed hawk	*Buteo jamaicensis*	Project site and laydown areas Also Dark Morph variety at Carpenter Rd and West Bradbury Rd
Swainson's hawk	*Buteo swainsoni*	Pipeline route
American kestrel	*Falco sparverius*	A2PP and laydown areas
Peregrine falcon	*Falco peregrinus*	A2PP at Pipeline route
Merlin	*Falco columbarius*	Pipeline route
Sandhill crane	*Grus canadensis*	Fly over
Killdeer	*Charadrius vociferus*	A2PP and laydown areas
Blackneck stilt	*Himantopus mexicanus*	Pipeline route
American avocet	*Recurvirostra americana*	Pipeline route
Greater yellowlegs	*Tringa melanoleuca*	TID stormwater pond
Lesser yellowlegs	*Tringa flavipes*	Pipeline route
Long-billed curlew	*Numenius americanus*	Fly over
Least sandpiper	*Calidris minutilla*	Pipeline route
Wilson's phalarope	*Phalaropus tricolor*	Pipeline route
Ring-billed gull	*Larus delawarensis*	Transmission line route
Herring gull	*Larus argentatus*	Transmission line route
California gull	*Larus californicus*	Transmission line route
Bonaparte's gull	*Larus philadelphia*	Transmission line route

Cumulative Wildlife Species Observed in or Near the A2PP Project Area

Common Name	Scientific Name	Comments
Rock pigeon (*Exotic*)	*Columba livia*	A2PP and laydown areas
Mourning dove	*Zenaida macroura*	A2PP and pipeline route
Great horned owl	*Bubo virginianus*	Pipeline route
Anna's hummingbird	*Calypte anna*	Pipeline route
Belted kingfisher	*Ceryle alcyon*	Pipeline route
Northern flicker	*Colaptes auratus*	Pipeline route
Nuttall's woodpecker	*Picoides nuttallii*	Pipeline route
Black phoebe	*Sayornis nigricans*	Pipeline route
Say's phoebe	*Sayornis saya*	Pipeline route
Western kingbird	*Tyrannus verticalis*	Pipeline route
Loggerhead shrike	*Lanius ludovicianus*	Pipeline route
Western scrub-jay	*Aphelocoma californica*	A2PP, canal, transmission line and pipeline route
Yellow-billed magpie	*Pica nuttalli*	Pipeline route
American crow	*Corvus brachyrhynchos*	A2PP, canal, transmission line and pipeline route
Common raven	*Corvus corax*	Pipeline route
Horned lark	*Eremophila alpestris*	Laydown areas and pipeline route
Tree swallow	*Tachycineta bicolor*	Pipeline route
Barn swallow	*Hirundo rustica*	Pipeline route
Cliff swallow	*Petrochelidon pyrrhonota*	Pipeline route
Marsh wren	*Cistothorus palustris*	Pipeline route
House wren	*Troglodytes aedon*	Pipeline route
American robin	*Turdus migratorius*	Pipeline route
Northern mockingbird	*Mimus polyglottos*	Laydown areas and pipeline route
European starling (*Exotic*)	*Sturnus vulgaris*	Canal, laydown areas, and pipeline route
American pipit	*Anthus rubescens*	A2PP Footprint
Yellow warbler	*Dendroica petichia*	Pipeline route
Lark sparrow	*Chondestes grammacus*	Pipeline route
Savannah sparrow	*Passerculus sandwichensis*	Pipeline route
Song sparrow	*Melospiza melodia*	Pipeline route
White-crowned sparrow	*Zonotrichia leucophrys*	A2PP, Canal and pipeline route
Red-winged blackbird	*Agelaius phoeniceus*	Pipeline route
Tricolored blackbird	*Agelaius tricolor*	Fly over
Brewer's blackbird	*Euphagus cyanocephalus*	Pipeline route
Yellow-headed blackbird	*Xanthocephalus xanthocephalus*	Pipeline route
Western Meadowlark	*Sturnella neglecta*	Pipeline route.
Brown-headed cowbird	*Molothrus ater*	Pipeline route
Blue grosbeak	*Passerina caerulea*	Pipeline route
House finch	*Carpodacus mexicanus*	Almond Power Plant and pipeline route
American goldfinch	*Carduelis tristis*	Pipeline route
House sparrow (*Exotic*)	*Passer domesticus*	Pipeline route

Cumulative Wildlife Species Observed in or Near the A2PP Project Area

Common Name	Scientific Name	Comments
MAMMALS		
Audubon's cottontail	*Sylvilagus audubonii*	Laydown areas and remains found and one killed on A2PP
Black-tailed hair	*Lepus californicus*	A2PP
California vole	*Microtus californicus*	A2PP and laydown areas.
Botta's pocket gopher	*Thomomys bottae*	A2PP (one dead and 3 live exposed during earth moving activities)
California ground-squirrel	*Spermophilus beecheyi*	Pipeline route, transmission line
Mink	*Mustela vison*	Prairie Flower Drain
Striped skunk	*Mephitis mephitis*	Pipeline route
REPTILES		
Western fence lizard	*Sceloporus occidentalis*	Pipeline route
Pacific gopher snake	*Piuophis catenifer catenifer*	A2PP laydown areas several killed on the A2PP site
Western pond turtle	*Emys marmorata*	Harding Drain west of Crows Landing

* Indicates new observance or additional information

APPENDIX B

Representative Site Photographs

#1. A view north of extension trench for the grounding grid south of the A2PP electrical substation along the western edge of the site. Photo taken January 4, 2012

#2. A view northeast of installation of curb and storm drain inlets along the eastern edge of site. Photo taken January 4, 2012

#3. A view of the hydroseeding germinating in the storm drain outfall.

#4. A view east from the gas compressor yard of the north and eastern edge of the stormwater outfall. Silt fence is in good working order.

#5. A view south of curb and storm drain installation along the eastern edge of the site. Silt fence is in good working order along eastern perimeter fencing.

#6. A view of a leaking man lift inside the laydown area. Note spill kit deployment, containment and clean up.

#7. View of work within SCR 4. Photo taken January 26, 2012.

#8. View south between the SCRs and generators. Photo taken January 26, 2012

#9. A view of work on the SCR 3 tower. Photo taken January 26, 2012

#10. A view northeast of the gas compressor station and installation of piping.

#11. A view south from the electrical substation of final grading from the substation south along the western edge of the site.

EXHIBIT 6

WEAP ACKNOWLEDGEMENT FORMS

Date JAN 30, 2012

Almond 2 Power Plant Project

Certification of Completion
Worker Environmental Training on
Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources. . The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
STEVE ROGERS	COSCO FIRE	
EUSEBIO AGUILAR	COSCO FIRE	
RICHARD REED	EMERSON/CHLORIDE	

Fifteen signatures per page.

Date JAN 26, 2012

Almond 2 Power Plant Project

Certification of Completion
Worker Environmental Training on
Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources. . The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
FIDEL CHAVEZ	COSCO FIRE PRO	

Fifteen signatures per page.

Date JAN 18, 2017

Almond 2 Power Plant Project

Certification of Completion
Worker Environmental Training on
Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources. . The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
Sergio Maldonado	Farwast Corrision Control	
David Forrester	Cosco Fire	

Fifteen signatures per page.

Date JAN 17, 2012

Almond 2 Power Plant Project

Certification of Completion
Worker Environmental Training on
Biological, Cultural, and Paleontological Resources and
Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources. . The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
Doug Myers	HART	

Fifteen signatures per page.

Date JAN 9, 2012

Almond 2 Power Plant Project

Certification of Completion
Worker Environmental Training on
Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources. . The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
Joey Duncan	UEI	
Kevin Christisson	UEI	
BOB HARRIS	UEI	

Fifteen signatures per page.

Date JAN 5, 2012

Almond 2 Power Plant Project

Certification of Completion
Worker Environmental Training on
Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources.. The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
Chris Reinhold	Bigge	
Casey Osby	Bigge	
PATRICK OLMSTED	PMI	
Tim WRIGHT	PMI	
Coleman FARfel	CCE	

Fifteen signatures per page.

Date JAN 3, 2012

Almond 2 Power Plant Project

Certification of Completion
Worker Environmental Training on
Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources. . The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
Jose Serrano	P.M.I.	
Lonnie Quick	PMI	

Fifteen signatures per page.

EXHIBIT 7

PALEONTOLOGIC RESOURCES MONITORING REPORT

TECHNICAL MEMORANDUM

Almond 2 Power Project (A2PP) Paleontological Resources Monitoring of Construction Activities, January, 2012

PREPARED FOR: Susan Strachan, Strachan Consulting
Sarah Madams, CH2M HILL

PREPARED BY: W. G. Spaulding, Ph.D., Paleontological Resources Specialist (PRS)

DATE: February 13, 2012

Personnel On-Call for Paleontological Monitoring This Period:

Levi Pratt – Staff Paleontologist, Paleontological Resources Monitor (PRM)

Jaspal Saini – Senior PRM

Training Conducted This Month (PAL-4)

All construction and environmental personnel continue to receive the CEC approved Paleontological Resources Awareness Module of Worker Environmental Awareness Training prior to working on this project. In addition, a poster has been provided that shows the stratum most likely to yield paleontological material in this project area.

Monitoring Conducted This Month (PAL-5)

Excavations have been completed in all paleontologically sensitive areas. Analysis of isolated finds made during the excavation of the gas transmission line near Harding Drain continues as the final components of the Paleontological Resources Report (PRR; PAL-7) for this project are assembled.

Anticipated Future Activities

A draft PRR is planned to be available for internal review by the end of next reporting period.

Comments, Issues or Concerns

No issues of concerns arose during this reporting period.

EXHIBIT 8

SAFETY SUPERVISORS MONTHLY REPORTS

January 2012 Compliance Report

Prepared by: Fernando Cervera – Project Engineer

Project: Almond 2 Power Plant
4500 Crows Landing Road
Modesto, CA 91613

Project start date: February 28, 2011

Hours of operation: 7 AM to 3:30 PM Monday thru Friday

Total TID and SSSAP trained
17

Incident Status:

Status	Near miss	First aid	First aid lost time	Recordables
January	0	1	0	0
YTD	5	6	0	0

First Aid:

01-25-12 PMI: While walking in area he stepped on manhole and when it flipped down sustained a superficial laceration to left knee and some swelling.

Environmental:

01-12-12: Genie Lift rented from Cresco developed a hydraulic hose leak and spilled approx. 1 gal of fluid on the ground and 1 gal of fluid in a plastic container. Rental company made repairs; dirt was cleaned up and disposed of in the designated PMI hazardous waste container.

01-25-12: PMI Employee (James Jackson) was walking pass a JLG and noted a leak. Genie Lift rented from Cresco developed a hydraulic leak and spilled approx. 1 qt of fluid on the ground. Rental company is scheduled to make repairs on 01/26/12 and dirt will be cleaned up and disposed of in the designated PMI hazardous waste container.

Man Hours: January hours: 15,056
Year To Date hours: 176,803

Project Status: Overall percent complete 91%
PMI, Mechanical 92.2%
OVERAA, Civil 100%
COLLINS, Electrical and Instrumentation 90%
APC, Site work 71%
Misc. Subs (insulation, paint, security, equipment, NDE, fence, etc.) 85%

Oriented contractors:
PMI – APC – Collins Electric – North Star – TRB – IEC – CH2MHILL – Overaa – Harris Rebar - Kleinfelder - All Phase (security) – TID – Maxim Crane – GE – Quality Erectors - ETI – Hotline Brand Scaffold – Sheedy Crane – Waukesha – Hanson Paint – HART – American Air Filters - Cot-Puritech - Emerson/Chloride - Cosco Fire – Farwest Corrosion – UEI - Lufkin Industries - FOSI/TID - Bayside Insulation – Kobelco - Arrow

Safety Summary:

All Hands Meeting attended by all construction workers is held every Monday. Safety topics discussed during the month of January included the following:

- Year end wrap up…how we did
- Sharps….tool, equipment and material we handle.
- Assured grounding……the importance of not merely putting tape on a tool/electrical cord just for the sake to stay in compliance. The following incident occurred with another contractor just 2 weeks ago….
- **The Path to Zero**
- **Snakes in the grass**
- LOTO; “Caution” construction tags and start up crew “Jurisdiction” tags

As systems are energized, PMI started installing signs “Caution system equipment is live” and “Danger energized system” as a safety measure to forewarn site personal and “Do not de-energize” on circuit breaker panels that need to be left open. Start up crew will start hanging their signage, test systems and hand over systems to IEC/TID next month.

1. ***Safety results for the month:***

All contractors:
Housekeeping!!!
Ladder use

PPE related issues/concerns:

- Hearing protection
- Face shield use while chipping concrete
- Snow fencing and cords that create trip hazard.

APC:

Metacarpal protection
Not wearing safety glasses

Collins Electric:

Working in elevated areas; 6 ft use fall protection.
Connecting two lanyards to extend your reach is not acceptable.
Ensure that covers are placed/secured when on-one is working inside the manhole.
JLG on 3 wheels…..level the machine "PRIOR" working at heights.
No safety glasses while working inside a module and same person wearing a headset listening to music.

PMI:

(PF) Standing on JLG midrail to access come-along
Propane tanks stored near electrical panel
(PF) Weld screen not being used

All Steel Fence Erectors:

Not wearing safety glasses

Monthly CEC Project Workers Safety Report

Project: Almond Two Power Project 09-AFC-2

Report Period: January 2012

Prepared by Inspector of Record: Taner Pamuk

1. Executive Summary of the Workers Safety Management

- The contractor PMI continued to hold weekly safety tailgate meetings
- The contractor PMI's safety manager continued to perform daily walk-through inspections

2. Field Condition and Observations

The CBO safety representative continued to bring observed safety concerns to the attention of the project safety personnel and / or project personnel during the site visits of this month, and in some cases on-spot corrections were made as necessary.

The work activities during this month mainly included cable pulling, high-potential testing, installment of drainage, testing of underground utilities, site grading and leveling, and miscellaneous piping works.

CBO Safety representative noticed repetitive safety concerns during the visit of this month such as:

- PPE related concern – Safety Glasses: Several observations were made in which employees were neglecting the use of safety glasses, especially at the first half hour of the work and inside the enclosures.
- Floor openings: Manhole covers were left open without a guard after completion of work or during break times.

Behavior based safety issues were also noted including personnel working at elevations more than 6 feet without being tied off. In one case, an employee was working on top of a unit enclosure with full body harness on although his lanyard was attached to another lanyard (increases free fall distance and against manufacturer's recommendations: creates a risk of severe injury if a fall occurs). CBO approached the personnel and advised them not to tie a lanyard to another lanyard.

It is important to ensure the implemented IIPP and safety procedures were established and maintained at all stages of the project. Ensuring that all stated inspections (especially for hazard assessment and risk control – 8 CCR 1509) were undergoing and if any discrepancies were to be found, corrective actions shall be taken in a timely manner.

Pictorial summery of the site conditions

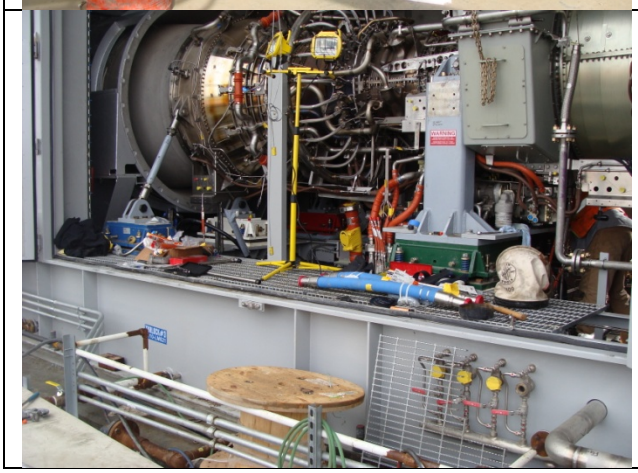
	
Photo# 1 – General view of the Project	Photo# 2 – General view of the SCR's

3. Observed Unsafe Conditions and Corrective Actions Taken

	**Correction Required** Observed that a manhole cover was removed while no work was performed inside the manhole **Standard** 8 CCR 1632 (f) **Corrective Action Requested** Ensure that covers were put in place, if no work is to be performed RESOLVED

	**Correction Required** Observed an employee operating a back-hoe without using seat-belt **Standard** 8 CCR 1597 (h) **Corrective Action Requested** Enforce use of seat belts Ongoing
	**Correction Required** Ensure that the caps are installed to compressed gas bottles which are not in use **Standard** 8 CCR 1740 (c) **Corrective Action Requested** Ensure proper storage of the gas bottles Cap the bottles while not in use RESOLVED
	**Correction Required** Working inside enclosure and light intensity levels **Standard** 8 CCR 1523 (a) **Corrective Action Requested** Ensure light intensity levels are in compliance with OSHA required levels while working inside any enclosure

	**Correction Required** Observed that a manhole cover was removed while no work was performed inside the manhole **Standard** 8 CCR 1632 (f) **Corrective Action Requested** Ensure that covers were put in place if no work is to be performed RESOLVED
	**Correction Required** Observed an employee working on the PDC where there was a risk of fall **Standard** 29 CFR 1926.501(b)(1) **Corrective Action Requested** Re-asses the work activity Ensure fall protection RESOLVED
	**Correction Required** Observed several fire extinguishers with expired annual inspections **Standard** 8 CCR 1922 (a)(4) **Corrective Action Requested** Perform annual inspection Open Item

	**Correction Required** Observed a man-basket (JLG lift)with one tire off the ground **Standard** Against Manufacturer's recommendations **Corrective Action Requested** Ensure that all tires are on the ground, and equipment is operated within the operatring/safety limitations established by the manufacturer. RESOLVED
	**Correction Required** Housekeeping **Standard** 8 CCR 1513 **Corrective Action Requested** Perform housekeeping and avoid spillage RESOLVED
	**Correction Required** Access & egress issue **Standard** 8CCR 1629 (1)(c) **Corrective Action Requested** Ensure that cable drums are not used as a step ladder to access CT enclosures Ongoing

TID - Almond 2 Power Plant Inspection Log

No.	Date	Description of area of work:	Comment(s)	Signed off	CBO Approval
1120	12/21/11	Demin Water Pumps - Epoxy Anch.		12/21/11	Doug Simms
1121	12/21/11	Security, Lighting Conduits	East Fence	12/21/11	Doug Simms
1122	12/22/11	East Fence - Security Conduit Backfill		12/22/11	Doug Simms
1123	12/22/11	Concrete Collars @ Fire Hydrants		12/22/11	Doug Simms
1124	12/22/11	Fuel Compressor - UG Lighting Cond.		12/22/11	Doug Simms
1125	12/22/11	Fuel Compressor - UG Lighting Cond.	Concrete Encase	12/22/11	Doug Simms
1126	12/27/11	Fuel Compressor - UG Lighting Cond.	Backfill	12/27/11	Doug Simms
1127	12/27/11	Demin Water Pumps - Grout		12/27/11	Doug Simms
1128	12/27/11	CTG #3 - Epoxy Fuel Pipe Supp.		12/27/11	Doug Simms
1129	12/27/11	Serv. Air System - Blow and Serv. Test		12/27/11	Doug Simms
1130	12/28/11	SCR # 2,3,4 - Epoxy Anchors	Pipe Support for Drain	12/28/11	Doug Simms
1131	12/28/11	CTG #2 - Dry Packing	Pipe Support for Water System	12/28/11	Doug Simms
1132	12/28/11	FGC #3 - Lube Oil Line Test		12/28/11	Doug Simms
1133	12/29/11	Anti Icing Skid - Grout		12/29/11	Doug Simms
1134	12/29/11	Gas Comp. Yard - Security Conduits		12/29/11	Doug Simms
1135	12/29/11	Gas Comp. Yard - Ground Grid		12/29/11	Doug Simms
1136	12/30/11	CTG #4 - Fuel Gas Pipe Supp. Anch.	12 Epoxy Anchors	12/30/11	Doug Simms
1137	01/03/12	Switchyard - Security System	Conduits	01/03/12	Doug Simms
1138	01/05/12	Curb & Gutter East Side		01/05/12	Doug Simms
1139	01/05/12	Ground Grid - North Fence		01/05/12	Doug Simms
1140	01/05/12	Security, Lighting Conduits - East Side		01/05/12	Doug Simms
1141	01/05/12	Fuel Gas Piping - Press. Test		01/05/12	Doug Simms
1142	01/05/12	Pipe Support CTG #4 - Epoxy		01/05/12	Doug Simms
1143	01/06/12	GSU #2,3,4 - Torque Bus Duct	Breaker Enclosure not tested	01/06/12	Doug Simms
1144	01/06/12	SCR #4 - Amonia Header Pres. Test		01/06/12	Doug Simms
1145	01/05/12	Warehouse - Ground Access		01/05/12	Doug Simms
1146	01/10/12	Amonia System - Press. Test		01/10/12	Doug Simms

TID - Almond 2 Power Plant Inspection Log

No.	Date	Description of area of work:	Comment(s)	Signed off	CBO Approval
1147	01/10/12	Ground Grid - SW Fence Line		01/10/12	Doug Simms
1148	01/10/12	GSU #2,3,4 - Bus Duct Torque		01/10/12	Doug Simms
1149	01/10/12	Security Conduits - North Fence		01/10/12	Doug Simms
1150	01/10/12	GCC Yard - Ground Grid		01/10/12	Doug Simms
1151	01/10/12	GCC Yard - Lighting Conduits		01/10/12	Doug Simms
1152	01/11/12	CTG #2,3,4 - Small Bore Pipe Sup.	Epoxy Anchors	01/11/12	Doug Simms
1153	01/11/12	GSU #2,3,4 - Deck Extension	Epoxy Anchors	01/11/12	Doug Simms
1154	01/13/12	GSU #3,4 - Trench Drain		01/13/12	Doug Simms
1155	01/13/12	Amonia System - System Blows		01/13/12	Doug Simms
1156	01/13/12	Instrument Air - System Blows		01/13/12	Doug Simms
1157	01/16/12	Pole Bases - Form and bolts		01/16/12	Doug Simms
1158	01/16/12	Pole Bases - Concrete		01/16/12	Doug Simms
1159	01/16/12	Misc Slabs adjacent to CTGs	Concrete	01/16/12	Doug Simms
1160	01/17/12	Sevice Water - System flush and test		01/17/12	Doug Simms
1161	01/17/12	RO, Demin Piping Sup. - Epoxy Anch.		01/17/12	Doug Simms
1162	01/18/12	Unit #2 - Trench drain		01/18/12	Doug Simms
1163	01/19/12	Switchyard - Ground Grid	South Gate	01/19/12	Doug Simms
1164	01/19/12	Cathodic Protection - Anodes		01/19/12	Doug Simms
1165	01/19/12	GCC Yard - Security Conduit		01/19/12	Doug Simms
1166	01/18/12	Hot Water System - Hydro		01/18/12	Doug Simms
1167	01/20/12	GCC Misc Fuel Pcs. - Test		01/20/12	Doug Simms
1168	01/20/12	Unit #3,4 - Misc Conc		01/20/12	Doug Simms
1169	01/20/12	Unit #2,3,4 - Trench Drain Connection		01/20/12	Doug Simms
1170	01/24/12	CTG #4 - 3" Fuel Line Test		01/24/12	Doug Simms
1171	01/24/12	Units # 2,3,4 - Ladder Supp. Pads		01/24/12	Doug Simms
1172	01/25/12	CTG #3 - Press. Test	2 leaks		
1173	01/25/12	GSU #4 - Fire System Bolts	Incorrect bolts	01/27/12	Doug Simms

TID - Almond 2 Power Plant Inspection Log

No.	Date	Description of area of work:	Comment(s)	Signed off	CBO Approval
1174	01/26/12	CTG #2 - Fuel Pipe Test	Leaking valve		
1175	01/26/12	Storm Drain - System Inspection	Visual Inspection Complete	01/26/12	Doug Simms
1176	01/26/12	Misc Slabs adjacent to CTGs	Patch in warehouse	01/26/12	Doug Simms
1177	01/27/12	GSU #4 - Torque Fire Supports		01/27/12	Doug Simms
1178	01/27/12	GSU #3 - Torque Fire Supports		01/27/12	Doug Simms
1179	01/27/12	Post Bases for Security - Holes		01/27/12	Doug Simms
1180	01/27/12	IST Instrument Air - Partial	See Inspection Report		
1181	01/27/12	Security Post Bases - Concrete		01/27/12	Doug Simms
1182	01/30/12	GSU #2 - Torque Fire Supports		01/30/12	Doug Simms
1183	01/31/12	PDC - Torque Terminations	ELV #1,2 Each Section 8 Bolts	01/31/12	Doug Simms
1184	01/31/12	Units #2,3,4 - Cooling Fans	Grout Bases	01/31/12	Doug Simms
1185	01/31/12	Air Reciever - Pipe Support	4 Epoxy Anchors	01/31/12	Doug Simms
1186	01/31/12	Catchbasin at Warehouse	In Service Test 8" Drain	01/31/12	Doug Simms
1187					
1188					
1189					
1190					
1191					
1192					
1193					
1194					
1195					
1196					
1197					
1198					
1199					
1200					

EXHIBIT 9

COMPLIANCE MATRIX

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Commission Decision Dec 2010

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
AQ-SC1 (Part 2 of 2)	**Constr**	Air Quality Construction Mitigation Manager (AQCMM): The project owner shall designate and retain an on-site AQCMM who shall be responsible for directing and documenting compliance with conditions **AQ-SC3, AQ-SC4** and **AQ-SC5** for the entire project site and linear facility construction.	The AQCMM shall not be terminated without written consent of the compliance project manager (CPM).	N/A	If occurs	TID		7/20/11	8/4/11	Ongoing	The AQCMM and AQCMM delegates shall have full access to all areas of construction on the project site and linear facilities, and shall have the authority to stop any or all construction activities as warranted by applicable construction mitigation conditions. ### The on-site AQCMM may delegate responsibilities to one or more AQCMM delegates.### **Resume of Devin Chapman as alternative delegate AQCMM submitted on 7/20/11. Approved by CEC via email from Christine Stora on 8/4/11.**
AQ-SC3	**Constr**	Construction Fugitive Dust Control: The AQCMM shall submit documentation to the CPM in each the monthly compliance report (MCR) that demonstrates compliance with mitigation measures outlined in AQ-C3. **See Condition AQ-SC3 for list of dust mitigation construction requirements.**	Include in the MCR: (1) a summary of all actions taken to maintain compliance with this condition; (2) copies of any complaints filed with the air district in relation to project construction; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at project owner's discretion.	N/A	Each MCR					Ongoing	Any deviation from the mitigation measures shall require prior CPM notification and approval.
AQ-SC4	**Constr**	Dust Plume Response Requirement: The AQCMM or an AQCMM delegate shall monitor all construction activities for visible dust plumes. **See Condition AQ-SC4 for all dust plume monitoring and mitigation requirements.**	1) The AQCMP shall include a section detailing how additional mitigation measures will be accomplished within the specified time limits. 2) If there are visible dust plumes with the potential to be transported off the project site (as defined in AQ-SC4) then the AQCMM or delegate shall implement the procedures outlined in AQ-SC4 for additional mitigation measures.	N/A	1) Provide info as per AQ SC2; 2) Immediately, if occurs					Ongoing	If step 1 and 2 fail to result in effective mitigation within one hour of the original determination, the AQCMM or delegate shall direct a temporary shutdown of the activity causing the emissions. The activity shall not restart until the AQCMM or delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the shutdown source. **The owner/operator may appeal to the CPM any directive from the AQCMM or delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time**.
AQ-SC5	**Constr**	Diesel-Fueled Engine Control: The AQCMM shall submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with mitigation measures outlined in Condition AQ-SC5. **See SC-5 for a two page list of documentation and mitigation measures required.**	The project owner shall include in the MCR: (1) a summary of all actions taken to maintain compliance with this condition; (2) a list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that the equipment has been properly maintained; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Info may be provided via electronic format or disk at project owner's discretion.	N/A	Each MCR					Ongoing	Any deviation from the mitigation measures in AC-SC5 shall require prior CPM notification and approval.
AQ-SC6	**All**	The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the District or U.S. EPA, and any revised permit issued by the District or U.S. EPA, for the project.	1) Submit any proposed air permit modification to the CPM within five working days of either: a) submittal by the project owner to an agency, or b) receipt of proposed modifications from an agency. 2) Submit all modified air permits to the CPM within 15 days of receipt.	N/A	1) Within 5d of submittal or receipt; 2) Within 15d of receipt	TID/ Sierra				Not Started	
AQ-2	**All**	This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District NSR Rule]	No verification necessary	N/A						N/A	
AQ-3	**Constr**	Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4]	The project owner shall submit to both the District and CPM the Title V Operating Permit application prior to operation.	SJVAPCD	Prior to First Fire	TID/ Sierra	1/1/12	10/11/11 SJVAPCD 10/12/11 CEC		Submitted	**TID to submit second Title V application (first application was submitted with ATC) prior to first fire. An air district inspection then must be scheduled. 10/11/11 submitted to SJVAPCD. 10/12/11 submitted to CEC.**
AQ-7	**Constr/ Ops**	The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A						N/A	
AQ-11	**Constr/ Startup**	Commissioning activities are defined as, but not limited to, all testing, adjustment, tuning, and calibration activities recommended by the equipment manufacturers and the construction contractor to ensure safe and reliable steady state operation of the gas turbine and associated electrical delivery systems. [District Rule 2201]	No verification necessary	N/A						N/A	

CPM=Compliance Project Manager; MCR=Monthly Compliance Report; ACR=Annual Compliance Report; 15d=15 days

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Commission Decision Dec 2010

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
AQ-13	**Startup/ Ops**	Emission rates from the gas turbine system during the commissioning period shall not exceed any of the following limits: NOx (as NO2) - 40.40 lb/hr and 969.6 lb/day; VOC (as CH4) - 8.41 lb/hr and 201.8 lb/day; CO - 40.00 lb/hr and 704.6 lb/day; PM10 - 2.50 lb/hr and 60.0 lb/day; or SOx (as SO2) - 1.56 lb/hr and 37.4 lb/day. [District Rule 2201]	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-15	**Startup/ Ops**	The total mass emissions of NOx, VOC, CO, PM10 and SOx that are emitted during the commissioning period shall accrue towards the quarterly emission limits. [District Rule 2201]	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-16	**Startup/ Ops**	During commissioning period, the owner or operator shall keep records of the natural gas fuel combusted in the gas turbine system on an hourly and daily basis. [District Rule 2201]	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar	TID				Not Started	
AQ-30	**Startup/ Ops**	Gas turbine system shall be fired on PUC-regulated natural gas with a sulfur content of no greater than 1.0 grain of sulfur compounds (as S) per 100 dscf of natural gas. [District Rule 2201 and 40 CFR 60.4330(a)(2)]	The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content source data shall be submitted to the District and CPM in the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-37	**Constr/ Ops**	A water injection system, a selective catalytic reduction (SCR) system and an oxidation catalyst shall serve this gas turbine system. [District Rule 2201]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A						N/A	
AQ-38	**Constr/ Ops**	The gas turbine engine and generator lube oil vents shall be equipped with mist eliminators or equivalent technology sufficient to limit the visible emissions from the lube oil vents to not exceed 5% opacity, except for a period not exceeding three minutes in any one hour. [District Rule 2201]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A						N/A	
AQ-39	**Startup/ Ops**	Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081]	1) The project owner shall submit the proposed source test plan or protocol for the source tests 15 days prior to the proposed source test date to both the District and CPM for approval. 2) The project owner shall notify the District and CPM no later than 30 days prior to the proposed source test date and time.	SJVAPCD	1) 15d prior source test date; 2) no later than 30d prior source test date	TID/ Aeros	4/15/12 3/30/12			In progress	
AQ-40	**Startup/ Ops**	Source testing shall be witnessed or authorized by District personnel and samples shall be collected by a California Air Resources Board (CARB) certified testing laboratory or a CARB certified source testing firm. [District Rule 1081]	The project owner shall submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-39.	SJVAPCD	15d prior source test date	TID/ Aeros	4/15/12			In progress	
AQ-41	**Startup/ Ops**	Source testing to measure startup and shutdown NOx, CO, and VOC mass emission rates shall be conducted before the end of the commissioning period and at least once every seven years thereafter. [District Rule 1081]	1) The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a pre-approved protocol (AQ-39). 2) Testing for startup and shutdown emissions shall be conducted upon initial operation. 3) Testing for startup and shutdown emissions shall be conducted at least once every seven years.	SJVAPCD	1) Within 60d of testing; 2) upon initial operation; 3) Every 7 years	TID/ Aeros	6/30/12			Not Started	CEM relative accuracy for NOx and CO shall be determined during startup and shutdown source testing in accordance with 40 CFR 60, Appendix F (Relative Accuracy Audit). If CEM data is not certifiable to determine compliance with NOx and CO startup emission limits, then startup and shutdown NOx and CO testing shall be conducted every 12 months. If an annual startup and shutdown NOx and CO relative accuracy audit demonstrates that the CEM data is certifiable, the startup and shutdown NOx and CO testing frequency shall return to the once every seven years schedule.
AQ-42	**Startup/ Ops**	Source testing to determine compliance with the NOx, CO, VOC and NH3 emission rates (lb/hr and ppmvd @ 15% O2) and PM10 emission rate (lb/hr) shall be conducted before the end of commissioning period and at least once every 12 months thereafter. [District Rules 2201 and 4703, 40 CFR 60.4400(a)]	1) The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a pre-approved protocol (AQ-39). 2) Testing for steady-state emissions shall be conducted upon initial operation. 3) Testing for steady-state emissions shall be conducted at least once every 12 months.	SJVAPCD	1) Within 60d of testing; 2) upon initial operation; 3) At least every 12 months	TID/ Aeros	6/30/12			Not Started	

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
AQ-43	**Startup/ Ops**	The sulfur content of each fuel source shall be: (i) documented in a valid purchase contract, a supplier certification, a tariff sheet or transportation contract, **or (ii) monitored within 60 days after the end of commissioning period and weekly thereafter**. [District Rule 2201 and 40 CFR 60.4360, 60.4365(a) and 60.4370(c)]	The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content source data shall be submitted to the District and CPM in the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	If the sulfur content is less than or equal to 1.0 gr/100 dscf for eight consecutive weeks, then the monitoring frequency shall be every six months. If the result of any six month monitoring demonstrates that the fuel does not meet the fuel sulfur content limit, weekly monitoring shall resume until compliance is demonstrated for eight consecutive weeks.
AQ-44	**Startup/ Ops**	The following test methods shall be used: NOx - EPA Method 7E or 20 or CARB Method 100; CO - EPA Method 10 or 10B or CARB Method 100; VOC - EPA Method 18 or 25; PM10 - EPA Method 5 (front half and back half) or 201 and 202a; ammonia - BAAQMD ST-1B; and O2 - EPA Method 3, 3A, or 20 or CARB Method 100. EPA approved alternative test methods as approved by the District may also be used to address the source testing requirements of this permit. [District Rules 1081 and 4703, 40 CFR 60.4400(1)(i)]	The project owner shall submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-39.	SJVAPCD	15d prior source test date	TID/ Aeros	4/15/12			In progress	
AQ-45	**Startup/ Ops**	Fuel sulfur content shall be monitored using one of the following methods: ASTM Methods D1072, D3246, D4084, D4468, D4810, D6228, D6667 or Gas Processors Association Standard 2377. [40 CFR 60.4415(a)(1)(i)]	The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content source data shall be submitted to the District and CPM in the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-46	**Startup/ Ops**	The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]	The project owner shall submit the report of the source test results to both the District and CPM within 60 days of the last day of tests.	SJVAPCD	Within 60d of testing	TID/ Aeros	6/30/12			Not Started	
AQ-47	**Constr/ Ops**	A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained. [District Rules 2201 and 4703]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID				N/A	
AQ-48	**Constr/ Ops**	The owner or operator shall install, certify, maintain, operate and quality-assure a Continuous Emission Monitoring System (CEMS) which continuously measures and records the exhaust gas NOx, CO and O2 concentrations. Continuous emissions monitor(s) shall monitor emissions during all types of operation, including during startup and shutdown periods, provided the CEMS passes the relative accuracy requirement for startups and shutdowns specified herein. [District Rules 1080, 2201 and 4703, 40 CFR 60.4340(b)(1) and 40 CFR 60.4345(a)]	The project owner shall make the site available for inspection by representatives of the District, ARB and the Commission to verify the continuous monitoring system is properly installed and operational.	N/A		TID				N/A	If relative accuracy of CEMS cannot be demonstrated during startup conditions, CEMS results during startup and shutdown events shall be replaced with startup emission rates obtained from source testing to determine compliance with emission limits contained in this document.
AQ-49	**Constr/ Ops**	The NOx and O2 CEMS shall be installed and certified in accordance with the requirements of 40 CFR Part 75. The CO CEMS shall meet the requirements in 40 CFR 60, Appendix F Procedure 1 and Part 60, Appendix B Performance Specification 4A (PS 4A), or shall meet equivalent specifications established by mutual agreement of the District, the CARB, and the EPA. [District Rule 1080 and 40 CFR 60.4345(a)]	The project owner shall submit to the CPM and APCO CEMS audits demonstrating compliance with this condition as part of the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	

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AQ-50	**Constr/ Ops**	The CEMS shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each 15-minute quadrant of the hour or shall meet equivalent specifications established by mutual agreement of the District, the CARB and the EPA. [District Rule 1080 and 40 CFR 60.4345(b)]	The project owner shall submit to the CPM and APCO CEMS audits demonstrating compliance with this condition as part of the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-58	**Constr/ Ops**	The exhaust stack shall be equipped with permanent provisions to allow collection of stack gas samples consistent with EPA test methods and shall be equipped with safe permanent provisions to sample stack gases with a portable NOx, CO, and O2 analyzer during District inspections. [District Rule 1081]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID				N/A	The sampling ports shall be located in accordance with the CARB regulation titled California Air Resources Board Air Monitoring Quality Assurance Volume VI, Standard Operating Procedures for Stationary Emission Monitoring and Testing.
AQ-65	**Constr**	Prior to operating under ATCs N-3299-4-0, N-3299-5-0 and N-3299-6-0, the permittee shall mitigate the following quantities of NOx: 1st quarter: 34,905 lb, 2nd quarter: 35,292 lb, 3rd quarter: 35,682 lb, and 4th quarter: 35,682 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]	The project owner shall submit to both the District and CPM records showing that the project's offset requirements have been met prior to initiating operation.	SJVAPCD	Prior to First Fire of ANY engine	Susan	2/1/12	10/11/11 SJVAPCD 10/12/11 CEC	1/11/12 CEC 2/7/12 SJVAPCD	Complete	**Submit prior to first fire/testing of any engine. Submitted 10/11/11 to the SJVAPCD. Submitted 10/12/11 to the CEC. Approved by CEC via email from Bruce Boyer on 1/11/12. Approved by SJVAPCD via letter to George Davies with new certificates on 2/7/12.**
AQ-66	**Constr**	NOx ERC S-3113-2 (or a certificate split from this certificate) shall be used to supply the required NOx offsets, unless a revised offsetting proposal is received and approved by the District. Following the revisions, this Authority to Construct permit shall be re-issued, administratively specifying the new offsetting proposal. [District Rule 2201]	The project owner shall submit to both the District and CPM records showing that the project's offset requirements have been met prior to initiating operation.	SJVAPCD	Prior to First Fire of ANY enginge	Susan	2/1/12	10/11/11 SJVAPCD 10/12/11 CEC	1/11/12 CEC 2/7/12 SJVAPCD	Complete	Original public noticing requirements, if any, shall be duplicated prior to re-issuance of this Authority to Construct permit. **Submitted 10/11/11 to the SJVAPCD. Submitted 10/12/11 to the CEC. Approved by CEC via email from Bruce Boyer on 1/11/12. Approved by SJVAPCD via letter to George Davies with new certificates on 2/7/12.**
AQ-67	**Constr**	Prior to operating under ATCs N-3299-4-0, N-3299-5-0 and N-3299-6-0, the permittee shall mitigate the following quantities of VOC: 1st quarter: 6,113 lb, 2nd quarter: 6,113 lb, 3rd quarter: 6,114 lb, and 4th quarter: 6,114 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]	The project owner shall submit to both the District and CPM records showing that the project's offset requirements have been met prior to initiating operation.	SJVAPCD	Prior to First Fire of ANY engine	Susan	2/1/12	10/11/11 SJVAPCD 10/12/11 CEC	1/11/12 CEC 2/7/12 SJVAPCD	Complete	**Submitted 10/11/11 to the SJVAPCD. Submitted 10/12/11 to the CEC. Approved by CEC via email from Bruce Boyer on 1/11/12. Approved by SJVAPCD via letter to George Davies with new certificates on 2/7/12.**
AQ-68	**Constr**	VOC ERC C-1008-1 (or a certificate split from this certificate) shall be used to supply the required VOC offsets, unless a revised offsetting proposal is received and approved by the District. Following the revisions, this Authority to Construct permit shall be re-issued, administratively specifying the new offsetting proposal. [District Rule 2201]	The project owner shall submit to both the District and CPM records showing that the project's offset requirements have been met prior to initiating operation.	SJVAPCD	Prior to First Fire of ANY engine	Susan	2/1/12	10/11/11 SJVAPCD 10/12/11 CEC	1/11/12 CEC 2/7/12 SJVAPCD	Complete	Original public noticing requirements, if any, shall be duplicated prior to re-issuance of this Authority to Construct permit. **Submitted 10/11/11 to the SJVAPCD. Submitted 10/12/11 to the CEC. Approved by CEC via email from Bruce Boyer on 1/11/12. Approved by SJVAPCD via letter to George Davies with new certificates on 2/7/12.**
AQ-69	**Constr**	Prior to operating under ATCs N-3299-4-0, N-3299-5-0 and N-3299-6-0, the permittee shall mitigate the following quantities of PM10: 1st quarter: 13,506 lb, 2nd quarter: 13,507 lb, 3rd quarter: 13,507 lb, and 4th quarter: 13,507 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]	The project owner shall submit to both the District and CPM records showing that the project's offset requirements have been met prior to initiating operation.	SJVAPCD	Prior to First Fire of ANY enginge	Susam	2/13/12	10/11/11 SJVAPCD 10/12/11 CEC	1/11/12 CEC 2/7/12 SJVAPCD	Complete	**Submitted 10/11/11 to the SJVAPCD. Submitted 10/12/11 to the CEC. Approved by SJVAPCD via letter to George Davies with new certificates on 2/7/12.**

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AQ-70	**Constr**	SOx ERC S-3129-5 (or a certificate split from this certificate) shall be used to supply the required PM10 offsets, unless a revised offsetting proposal is received and approved by the District. Following the revisions, this Authority to Construct permit shall be re-issued, administratively specifying the new offsetting proposal. [District Rule 2201]	The project owner shall submit to both the District and CPM records showing that the project's offset requirements have been met prior to initiating operation.	SJVAPCD	Prior to First Fire of ANY engine	Susan	2/1/12	10/11/11 SJVAPCD 10/12/11 CEC	1/11/12 CEC 2/7/12 SJVAPCD	Complete	Original public noticing requirements, if any, shall be duplicated prior to re-issuance of this Authority to Construct permit. **Submitted 10/11/11 to the SJVAPCD. Submitted 10/12/11 to the CEC. Approved by CEC via email from Bruce Boyer on 1/11/12. Approved by SJVAPCD via letter to George Davies with new certificates on 2/7/12.**
AQ-71	**Constr**	The District has authorized to use SOx reductions to offset emissions increase in PM10 at SOx/PM10 interpollutant offset ratio of 1.00. [District Rule 2201]	No verification necessary	N/A						N/A	
AQ-72	**Constr**	Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 or Rule 8011. [District Rules 8011 and 8021]	A summary of significant construction activities and monitoring records required shall be included in the construction monthly compliance report (AQ-SC3).	SJVAPCD	MCR	Sam				Ongoing	
AQ-73 (Part 2 and 3 of 3)	**Pre-Constr/ Constr**	Final Dust Control Plan - An owner/operator shall submit a Dust Control Plan to the APCO prior to the start of any construction activity on any site that will include 10 acres or more of disturbed surface area for residential developments, or 5 acres or more of disturbed surface area for non-residential development, or will include moving, depositing, or relocating more than 2,500 cubic yards per day of bulk materials on at least three days. [District Rules 8011 and 8021]	1) The final Dust Control Plan shall be included within the Air Quality Construction Mitigation Plan and submitted to the District and CPM not less than 30 days prior to the start of any construction activity. 2) Written notification to air district w/in 10 days prior to earth moving; 3)provide names and contact info for all contractors and subs before they start work at the site 4) A summary of significant construction activities and monitoring records required shall be included in the construction monthly compliance report (AQ-SC3).	SJVAPCD	1) 30d prior to earth moving; 2) 10d prior to earth moving 3) In MCRs	Sierra (site /tline) PG&E gas pipeline	2/15/11	11/18/2010 12/9/10 2/25/11 3/29/11	11/19/2010 4/14/11	Submitted/ Ongoing	**Dust plan submitted to SJVAPCD by Sierra on 11/8/10. Plan submitted to CEC on 11/18/10. Approved by the CEC via email from Dale Rundquist on 11/19/10. Dust plan conditionally approved by air district on Dec. 9, 2010. Copy of air district conditionally approval letter submitted to CEC on 12/16/10. Required info sent to air district on 2/16/11. 2/18/11 Final approval from Air District rec'd. 2/24/11 start of construction notification submitted to air district. 2/25/11 SJVAPCD documentation sent to CEC. PG&E Dust plan submitted to air district by PG&E on 3/28/11. Approved by Air District on 4/19/11. PG&E plan submitted to CEC on 3/29/11. Approved by CEC on 4/14/11. Air District approval submitted to CEC on 5/6/11. Approved by CEC on 5/9/11.**
AQ-74	**Constr**	An owner/operator shall prevent or clean up any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 or Rule 8011. [District Rules 8011 and 8041]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	
AQ-75	**All**	Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 or Rule 8011. [District Rules 8011 and 8051]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	

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Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
AQ-76	**All**	Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 or Rule 8011. [District Rules 8011 and 8061]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	
AQ-77	**Constr**	Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011. [District Rule 8011 and 8071]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	
AQ-78	**Constr**	Where dusting materials are allowed to accumulate on paved surfaces, the accumulation shall be removed daily or water and/or chemical/organic dust stabilizers/suppressants shall be applied to the paved surface as required to maintain continuous compliance with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011 and limit Visible Dust Emissions (VDE) to 20% opacity. [District Rule 8011 and 8071]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	
AQ-79	**Constr**	On each day that 50 or more Vehicle Daily Trips or 25 or more Vehicle Daily Trips with 3 axles or more will occur on an unpaved vehicle/equipment traffic area, permittee shall apply water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011. [District Rule 8011 and 8071]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	
AQ-80	**Constr**	Whenever any portion of the site becomes inactive, Permittee shall restrict access and periodically stabilize any disturbed surface to comply with the conditions for a stabilized surface as defined in Section 3.58 of District Rule 8011. [District Rules 8011 and 8071]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	
AQ-81	**Constr/ Ops**	Records and other supporting documentation shall be maintained as required to demonstrate compliance with the requirements of the rules under Regulation VIII only for those days that a control measure was implemented. Such records shall include the type of control measure(s) used, the location and extent of coverage, and the date, amount, and frequency of application of dust suppressant, manufacturer's dust suppressant product information sheet that identifies the name of the dust suppressant and application instructions. [District Rules 8011, 8031 and 8071]	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID/ PG&E				Not Started	**Records shall be kept for one year following project completion that results in the termination of all dust generating activities.**

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AQ-82	**Constr/ Ops**	The owners and operators of each affected source and each affected unit at the source shall have an Acid Rain permit and operate in compliance with all permit requirements. [40 CFR 72]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID				N/A	
BIO-1 (Part 2 of 2)	**Constr/ Ops**	Designated Biologist Replacement.	If a Designated Biologist needs to be replaced, the specified info about the proposed replacement must be submitted to the CPM at least ten working days prior to the termination or release of the preceding Designated Biologist. In an emergency, the project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent Designated Biologist is proposed to the CPM for consideration.	N/A	10d prior release or termination, if occurs	CH2				Not Started	
BIO-2 (part 1 of 2)	**Constr**	Designated Biologist Duties: The project owner shall ensure that the Designated Biologist performs the activities and duties outlined in BIO-2 during any site mobilization, ground disturbance, grading, construction, operation, and closure activities. **See BIO-2 for required biologist duties and activities.**	1) Designated Biologist shall submit in MCR copies of all written reports and summaries that document biological resources activities. 2) The Designated Biologist shall notify the CPM, CDFG and USFWS of any project-related take of state or federally listed species within 24 hours. 3) Report sensitive species sightings to CA Natural Diversity Database (CNDDB) where appropriate. 4) Notify the project owner and CPM of any noncompliance with any biological resource condition of certification.	CEC, CDFG, USFWS, if take CNDDB	1) in MCRs 2) within 24 hours, if take occurs; 3) if sightings; 4) If occurs	CH2				MCR/ Ongoing	The Designated Biologist may be assisted by approved biological monitors, but remains the contact for the project owner, the CPM, CDFG and USFWS.
BIO-3 (part 2 of 2)	**Constr**	Additional Biological Monitor Selection:	3) If additional biological monitors are needed during construction, the specified information shall be submitted to the CPM for approval 10 days prior to their first day of monitoring activities. 4) The Designated Biologist shall submit a written statement to the CPM confirming that the individual biological monitors have been trained, including the date when training was completed.	N/A	3) 10d prior 1st day of monitoring; 4) After training	CH2		2/25/11 8/23/11 8/29/11 9/1/11	3/1/2011 8/25/11 8/30/11 9/7/11	Ongoing	**Resumes for biological monitors Tom Davis and Daniel Weinberg were submitted to CEC by CH2MHill on 2/25/11. Bio Monitors approved by CEC via email from Dale Rundquist on 3/1/11. Resume of Shawn Lockwood submitted to the CEC for approval on 8/23/11. Approved by the CEC on 8/25/11. Resumes for Beth Sorelli and Bridget Canty were submitted on 8/29/11. Approved via email from Christine Stora on 8/30/11. Resumes for Sophia Chang and Melissa Fowler were submitted on 9/1/11. Approved by CEC via email from Christine Stora on 9/7/11.**
BIO-4	**All**	Designated Biologist and Biological Monitor Authority: The project owner's construction/operation managers shall act on the advice of the Designated Biologist and Biological Monitors to ensure conformance with the biological resources conditions of certification. **See BIO-4 for specific biologist duties.**	1) The project owner shall ensure that the Designated Biologist or Biological Monitor notifies the CPM immediately (and no later than the following morning of the incident, or Monday morning in case of a weekend) of any non-compliance or a halt. 2) The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem.	N/A	Immediately if occurs	CH2				Ongoing	If required by the Designated Biologist and Biological Monitors, the project owner's construction/operation managers shall halt site mobilization, ground disturbance, grading, construction and operation activities in areas specified by the Designated Biologist.
BIO-5 (part 3 of 4)	**Constr**	WEAP Reporting	3) The project owner shall provide in the Monthly Compliance Report the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date.	N/A	3) In MCRs	Susan/CH2				Ongoing	The signed training acknowledgement forms from construction shall be kept on file by the project owner for a period of at least six months after the start of commercial operation.
BIO-6 (part 2 of 2)	**Constr**	Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP):	3) Implementation of BRMIMP measures shall be reported in the MCRs by the Designated Biologist (i.e. survey results, construction activities that were monitored, species observed). 4) Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction closure report. **See BIO-6 for closure report requirements.**	N/A	3) In MCRs; 4) 30d after construction completion	CH2	4/20/12	6/6/11	6/14/11	MCR/Not Started	**BRMIMP Modifications:** The project owner shall notify the CPM no less than five working days before implementing any modifications to the approved BRMIMP. Any changes to the BRMIMP must be approved by the CPM before implementation. The project owner shall provide copies to any modifications to the USFWS and CDFG for review and comment. **Revised BRMIMP adding Frac-Out Plan submitted 6/6/11. Revised BRMIMP approved by CEC on 6/14/11.**

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BIO-7	**Constr**	Impact Avoidance Mitigation Features: The project owner shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources. **See BIO-7 for specific requirements.**	1) Implementation of the measures shall be reported in the Monthly Compliance Reports by the Designated Biologist. 2) Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures were completed.	N/A	1) in MCRs; 2) Within 30d after construction	CH2	4/20/12			MCR/Not Started	All mitigation measures and their implementation methods shall be included in the BRMIMP
CUL-7 (Part 1 of 2)	**Constr**	The project owner shall submit the final Cultural Resources Report (CRR) to the CPM for approval. The CRR shall be written by or under the direction of the CRS and shall be provided in the ARMR format. The final CRR shall report on all field activities including dates, times and locations, results, samplings, and analyses. All survey reports, Department of Parks and Recreation (DPR) forms, data recovery reports, and any additional research reports not previously submitted to the California Historic Resource Information System (CHRIS) and the State Historic Preservation Officer (SHPO) shall be included as an appendix to the final CRR.	1) Within 90 days after completion of ground disturbance (including landscaping), submit the final CRR to CPM for review and approval. If any reports have previously been sent to the CHRIS, then receipt letters from the CHRIS or other verification of receipt shall be included in an appendix. 2) Within 90 days after completion of ground disturbance (including landscaping), if cultural materials requiring curation were generated or collected, provide copy of agreement with or other written commitment from a curation facility. 3) Within 10 days after CPM approval, the project owner shall provide documentation to the CPM confirming that copies of the final CRR have been provided to the SHPO, the CHRIS, and the curating institution, if archaeological materials were collected, and to the Tribal Chairpersons of any Native American groups requesting copies.	SHPO, CHRIS, Curating institution	1) Within 90d after completion of ground disturb; 2) Within 90d after completion of ground disturb; 3) within 10d of CPM approval	CH2	5/1/12			In progress	Any agreements concerning curation will be retained and available for audit for the life of the project. ### If the project owner requests a suspension of ground disturbance and/or construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS and submitted to the CPM for review and approval within 24 hours ***(conflicts with verification, which allows 30 days***) of the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until ground disturbance and/or construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request.
CUL-8 (Part 2 of 2)	**Constr**	For the duration of ground disturbance, the project owner shall provide Worker Environmental Awareness Program (WEAP) training to all new workers within their first week of employment at the project site, along the linear facilities routes, and at laydown areas, roads and other ancillary areas.	3) Monthly, until ground disturbance is completed, provide in the MCR the WEAP Training Acknowledgement forms of workers who have completed the training in the prior month and a running total of all persons who have completed training to date.	N/A	3) in MCRs	Susan/ CH2				On going	The training shall be prepared by the CRS, may be conducted by any member of the archaeological team, and may be presented in the form of a video. The CRS shall be available (by telephone or in person) to answer questions posed by employees. ### A sticker shall be placed on hardhats indicating that environmental training has been completed. ### The training may be discontinued when ground disturbance is completed or suspended, but must be resumed when ground disturbance, such as landscaping, resumes.
HAZ-1	**All**	The project owner **shall not use any hazardous material not listed** in Appendix B of the Hazardous Materials Management section, or in greater quantities or strengths than those identified by chemical name in Appendix B, **unless approved in advance by the CPM.**	Provide to the CPM, in the Annual Compliance Report, a list of hazardous materials contained at the facility.	N/A	In ACRs	TID				Not Started	

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Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
HAZ-2	**Constr**	The project owner shall revise and update the current Hazardous Materials Business Plan (HMBP), Risk Management Plan (RMP), Spill Prevention, Control, and Countermeasure Plan (SPCC Plan), and Process Safety Management Plan (PSMP) and submit the revised plans to the Stanislaus County Environmental Resources Hazardous Materials Division (SCER-HMD) for review and comment and to the CPM for review and approval.	At least 60 days prior to the start of commissioning of the A2PP, the project owner shall provide a copy of a final updated HMBP, RMP, SPCC Plan, and the PSMP to the CPM for approval.	SCER-HMD	60d prior start of commissioning	TID	1/1/12	1/10/12		Submitted	**The timing of this condition has been changed to prior to commissioning based on phone conversation and follow-up email with Alvin Greenburg. ### HBMP and SPCC submitted to CEC on 1/10/12 with cover letter transmitting plan to County. Based on call with Beronia Beniamine on Jan. 4, 2012, the County will review the plans when it conducts its A2PP inspection later this year.**
HAZ-3 (Part 2 of 3)	**Constr**	The project owner shall develop and implement a Safety Management Plan for delivery of anhydrous ammonia and other liquid hazardous materials by tanker truck. See **HAZ-3 for plan requirements.**	This plan shall be applicable during construction, commissioning, and operation of the power plant.	N/A	N/A	TID				Ongoing	
HAZ-4 (Part 1 of 2)	**Constr**	The project owner shall direct all vendors delivering anhydrous ammonia to the site to use only tanker truck transport vehicles which meet or exceed the specifications of DOT Code MC-331.	1) Provide this direction in a letter to the vendor(s) at least thirty (30) days prior to the receipt of anhydrous ammonia on site. 2) At least 30 days prior to the start of commissioning, submit to the CPM for review and approval copies of the notification letter to supply vendors indicating the transport vehicle specifications.	N/A	1) 30d prior receipt of anhydrous ammonia; 2) 30d prior commiss.	TID	2/20/12			In progess	**6/29/11 conversation between Susan Strachan and Alvin Greenberg. Alvin approved notification to vendors to be included in TID P.O. with vendors.**
HAZ-5 (Part 1 of 2)	**Constr**	The project owner shall direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM. Trucks will travel on SR-99 to Crows Landing Road to the power plant site. Vendors shall be prohibited from transporting anhydrous ammonia to the site at times that will coincide with regular school bus traffic along Crows Landing Road.	1) Consult with school district and obtain evidence of consultation for submittal to the CPM. 2) Send letters to the vendors about time of day limitations, and route restriction. 3) At least 30 days prior to the start of commissioning of the A2PP, submit to the CPM for review and approval copies of a) notices to hazardous materials vendors describing the required transportation route, b) the contract with the anhydrous ammonia vendor describing the time of day limitation on deliveries, and c) evidence that officials of the Ceres Unified School District have been consulted.	N/A	1) TBD; 2) TBD; 3) 30d prior start of commiss.	TID	2/20/12			In progress	The project owner shall obtain approval of the CPM if an alternate route is desired. The project owner shall also consult with officials of the Ceres Unified School District regarding school bus schedules and shall prohibit vendors through contractual language from transporting anhydrous ammonia to the site at times that would coincide with regular school bus traffic along Crows Landing Road. Susan: Submittal of letters to the CPM is for review and approval. Clarify if letter is to be sent to CPM for approval prior being sent to the vendors.**### Based on 6/29 conversation with Alvin Greenberg, only chemicals transported in tank containers are covered in the condition.**
HAZ-7 (Part 1 of 2)	**Constr**	The project owner shall revise and update the existing site-specific operations security plan and make it available to the CPM for review and approval. The project owner shall continue to implement existing site security measures that address physical site security and hazardous materials storage. **The level of security to be implemented shall not be less than that described in Condition HAZ-7 (as per NERC 2002).**	1) At least 30 days prior to the start of commissioning of the A2PP, notify the CPM that a revised and updated site-specific operations site security plan is available for review and approval.	N/A	1) 30d prior commiss.	CH2 SAC	2/16/12	11/22/11		Submitted	The project owner shall fully implement the security plans and obtain CPM approval of any substantive modifications to those security plans. The CPM may authorize modifications to these measures, or may require additional measures such as protective barriers for critical power plant components—transformers, gas lines, and compressors—depending upon circumstances unique to the facility or in response to industry-related standards, security concerns, or additional guidance provided by the U.S. Department of Homeland Security, the U.S. Department of Energy, or the North American Electrical Reliability Council, after consultation with both appropriate law enforcement agencies and the applicant.**### Letter stating that plan is available for CEC review submitted on 11/22/11.**

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LAND-1	**Constr**	The project owner shall complete a lot line adjustment and record of survey for filing with the City of Ceres and Stanislaus County to ensure construction and operation of the Almond 2 Power Plant on a legal parcel of land. The record of survey shall be filed by a licensed land surveyor or registered civil engineer authorized to practice land surveying.	Prior to commercial operation, provide written documentation to the CPM that all necessary actions and approvals relating to the lot line adjustment and record of survey have been completed and finalized. Written documentation submitted to the CPM shall include copies of all approved and recorded documents relating to the lot line adjustment and record of survey.	city of Ceres and Stanislaus County	Prior commercial operation	TID	2nd quarter 2012			In Progress	Survey methods, practices, and monumentation shall comply with the Subdivision Map Act and the Professional Land Surveyors Act. Note***: Actual due date isn't specified other than prior to commercial operation.***
LAND-2	**Constr**	The project owner shall ensure restoration of certain agricultural lands that are disturbed during project construction. Restoration of ag lands disturbed during project construction shall not interfere with maintenance of PG&E's natural gas pipeline within the existing easements. Any lands that are identified by the Farmland Mapping and Monitoring Program as Important Farmland or located within agricultural preserves shall be restored such that no conversion of important Farmland occurs.	1) Before the start of any project construction work on agricultural lands, submit written documentation to CPM describing methods that will be used to restore the affected lands. 2) Within 90 days of completion of construction of the Almond 2 Power Plant and related facilities, provide written documentation to the CPM demonstrating that all necessary work to restore disturbed agricultural lands has been completed. Written documentation shall include detailed descriptions of restoration methods and corresponding maps for affected areas.	N/A	1) Prior construction on ag land; 2) Within 90d of completion of construction of A2PP	PG&E	2) 3/1/2012	3/25/2011 4/20/11	4/21/11	1)Complte 2) In progress	Methods to restore affected agricultural lands shall include stock piling of top soil for replacement when project construction is completed. Restoration shall include grading and preparation for cultivation of affected areas and topsoil replacement. **###3/25/11PG&E Restoration Plan submitted to the CEC. CEC comments rec'd via email from Dale Rundquist on 4/14/11. Comments emailed to Tom Johnson, PG&E 4/14/11. Revised Land-2 plan submitted to CEC on 4/20/11. Restoration Plan approved via email from Dale Rundquist on 4/21/11.**
NOISE-2	**All**	Throughout the construction and operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints. **See Condition NOISE-2 for complaint handling and reporting requirements.**	1) Within five days of receiving a noise complaint, the project owner shall file a copy of the Noise Complaint Resolution Form, with the CPM, documenting the resolution of the complaint. 2) If mitigation is required to resolve a complaint, and the complaint is not resolved within a 3-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	N/A	1) Within 5d of receiving a noise complaint; 2) If mitigation required	TID				Not Started	Use Noise Complaint Resolution Form or functionally equivalent procedure acceptable to CPM to document and respond to each noise complaint. Attempt to contact person(s) making noise complaint within 24 hour, or 72 hours if the complaint is made over the weekend. Conduct investigation to determine source of noise. If project related take all feasible measures to reduce noise at its source. Submit report document complaint and actions taken.
NOISE-4	**Constr**	The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the noise levels due to operation of the project alone will not exceed the limits outlined in Condition NOISE-4**. See Noise-4 for noise limits, measurement locations, and other requirements.**	1) Within 30 days of project first achieving a sustained output of 85% or greater of rated capacity, conduct a 25-hour community noise survey. 2) Within 15 days after completing survey, submit a summary report to CPM including any additional mitigation and a schedule for implementing mitigation measures, subject to CPM approval. 3) If mitigation measures are necessary, when they are in place, the project owner shall repeat the noise survey.	N/A	1) 30d of sustained output of 85% capacity; 2) 15d after survey; 3) after mitigation	Ch2	7/2012 - 8/2012			Not Started	No new pure-tone components shall be caused by the project. No single piece of equipment shall be allowed to stand out as a source of noise that draws legitimate complaints. If results from the survey indicate noise exceeds the levels outlined in NOISE-4, or that pure tones are present, mitigation measures shall be implemented to reduce noise to level of compliance with the limits in NOISE-4 and/or eliminate the pure tones.
NOISE-5	**Constr**	Following the project first achieving a sustained output of 85% or greater of rated capacity, the project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility.	1) Following the project first achieving a sustained output of 85 percent or greater of rated capacity, conduct an occupational noise survey. 2) Within 30 days after completing the survey, the project owner shall submit the noise survey report to the CPM including mitigation measures if necessary. The project owner shall make the report available to OSHA and Cal-OSHA upon request.	OSHA and Cal-OSHA upon request	1) following sustained output of 85% rated capacity; 2) 30d after survey	CH2	7/2012 - 8/2012			Not Started	The survey shall be conducted by a qualified person in accordance with provisions listed in NOISE-5.

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NOISE-6 (Part 2 of 2)	**Constr**	Heavy equipment operation and noisy construction work relating to any project features, including pile driving, shall be restricted to 7 a.m. to 8 p.m.	N//A	N/A		TID/ PGE				Ongoing	Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use shall be limited to emergencies.
SOIL & WATER-1 (Part 2 of 2)	**Constr**	The project owner shall comply with the requirements of the General National Pollutant Discharge Elimination System (NPDES) permit for discharges of storm water associated with construction activity.	3) Submit copies to CPM of all correspondence between the project owner and the Central Valley Regional Water Quality Control Board (RWQCB) regarding the General NPDES permit for the discharge of storm water associated with construction activities, including Notice of Termination sent to the State Water Resources Control Board.	RWQCB	By Sept. 1 of each and as necessary.	TID	9/1/11	9/1/11 10/11/11		Ongoing	**An Annual Report will be prepared, certified, and electronically submitted to SMARTS by TID no later than Sept. 1 of each year. 9/1/11 submitted SMARTS forms to CEC. 10/11/11 submitted annual report.**
SOIL & WATER-2 (Part 2 of 3)	**Constr**	Site-specific Drainage, Erosion and Sedimentation Control Plan (DESCP)	2) During construction, the project owner shall provide an analysis in the monthly compliance report on the effectiveness of the drainage-, erosion- and sediment-control measures and the results of monitoring and maintenance activities.	N/A	2) in MCRs	TID/ PG&E				Ongoing	The operational SWPPP may be combined with the DESCP in an effort to simplify the annual compliance reporting and CPM review. A combined DESCP/SWPPP would be verified under SOIL&WATER-3.
SOIL & WATER-3 (Part 1 of 2)	**Constr**	The project owner shall comply with the requirements of the General NPDES permit for discharges of storm water associated with industrial activity. The project owner shall develop and implement a Storm Water Pollution Prevention Plan (SWPPP) for the operation of the site. The project owner shall ensure that only stormwater is discharged onto the site. The project owner shall comply with the requirements of the general NPDES permit for discharges of storm water associated with industrial activity.	1) At least 30 days prior to commercial operation, submit the operational Storm Water Pollution Prevention Plan for the A2PP site to the CPM. 2) Within 10 days of its mailing or receipt, the project owner shall submit to the CPM any correspondence between the project owner and the RWQCB about the general NPDES permit for discharge of storm water associated with industrial activity. This information shall include a copy of the notice of intent sent by the project owner to the State Water Resources Control Board.	RWQCB	1) 30d prior commercial ops; 2) within 10d of receipt	TID	5/1/12			In progress	A letter from the RWQCB indicating that there is no requirement for a general NPDES permit for discharges of storm water associated with industrial activity would satisfy this condition. ###
SOIL & WATER-4 (Part 1 of 2)	**Constr**	Water used for project operation processing shall exclusively be reclaimed water from the City of Ceres Wastewater Treatment Plant. **Pumping or purchasing groundwater for this supply source is prohibited. See Soil & Water-4 for requirements.**	1) At least 60 days prior to commercial operation of A2PP, the project owner shall submit to the CPM evidence that metering devices are operational on the water supply and distribution systems.	N/A	60d prior commercial ops	TID	4/1/12			Not Started	The project owner shall maintain metering devices as part of the water supply and distribution systems to monitor and record, in gallons per day, the total volume(s) of water supplied to A2PP from the City of Ceres.

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TRANS-3 (Part 2 of 2)	**Constr**	Road Mitigation--The project owner shall prepare a mitigation plan for Crows Landing Road; Service Road; Whitmore Avenue; Hatch Road; and Mitchell Road. **See TRANS-3 for specific plan requirements.**	If a roadway(s) has been damaged as a result of project construction, within 90 days following the completion of construction, the project owner shall provide photo/videotape documentation to the city of Ceres Public Works Department, Caltrans, County of Stanislaus Public Works Department and the CPM that the identified damaged sections of roadways have been restored to their pre-project condition.	Caltrans, County of Stanislaus Public Works, City of Cerres Public Works	If damaged, within 90d after construction complete	TID	6/20/12			Not Started	The intent of this plan is to ensure that if these roadways are damaged by project construction, they will be repaired and reconstructed to original or as near original condition as possible.
TLSN-1	**Constr/ Pre-t-line constr**	The project owner shall construct the proposed new 115-V line and upgrade the identified 69-kV according to the requirements of CPUC's GO-95, GO-52, GO-131-D, Title 8, and Group 2, High Voltage Electrical Safety Orders, and Section 2700 through 2974 of the California Code of Regulations and TID's EMF-reduction guidelines.	At least 30 days before starting construction of the transmission lines or related structures and facilities, submit to the CPM a letter signed by a California registered electrical engineer affirming that the lines will be constructed according to the requirements stated in the Condition.	N/A	30d prior construction of t-lines or related facilities	TID	8/15/11	8/19/11		Submitted	**Letter signed by Ed Jeffers (TID) mailed to CEC on 8/19. Emailed to Christine Stora on 8/22/11.**
TLSN-3	**Constr**	The Project Owner shall use a qualified individual to measure the strengths of the electric and magnetic fields from the line at the points of maximum intensity identified by the applicant on page 3-27, and in Figures 3.1-5A through 3.15-5F.	1) Measure before lines are energized and submit the field measurement results to the CPM within 60 days of completion. 2) Measure after lines are energized **no later than 6 months after the start of operations,** and submit the field measurement results to the CPM within 60 days of completion.	N/A	1) before energized & 60d after measure 2) within 6 months after ops & 60d after measure	TID	01/12 6/12 8/12	1/10/12		Submitted	The measurements shall be made before and after energization according to the American National Standard Institute/Institute of Electrical and Electronic Engineers (ANSI/IEEE) standard procedures. **01/10/12 Pre-Energization measurements submitted to the CEC.**
TLSN-5	**Constr**	The project owner shall ensure that all permanent metallic objects within the right-of-way of the project-related lines are grounded according to industry standards regardless of ownership.	At least 30 days before the lines are energized, the project owner shall transmit to the CPM a letter confirming compliance with this Condition.	N/A	30d before t-line is energized	TID	3/1/12			In progress	
VIS-1	**Constr**	The project owner shall ensure that lighting for construction of the power plant is used in a manner that minimizes potential night lighting impacts. **(See VIS-1 for specific construction lighting requirements.)**	1) Within 7 days after first using construction lighting, notify CPM lighting ready for inspection. 2) If modifications are required they must be implemented within 15 days. Notify CPM that modifications completed. 3) Within 48 hours of receiving lighting complaint provide CPM with a complaint resolution form report, as specified in the General Conditions section, including a proposal to resolve the complaint, and a schedule for implementation. 4) Notify CPM within 48 hours of completing implementation of proposal. 5) Provide copy of completed complaint resolution form in next MCR.	N/A	1) 7d after 1st use of construction lights; 2) 15d of notification; 3) Within 48 hours of complaint; 4) Within 48 hours of resolution; 5) in next MCR	TID				Not Started	
VIS-2 (part 1 of 2)	**Constr**	Permanent Exterior Lighting: To the extent feasible, consistent with safety and security considerations, the project owner shall design and install all permanent exterior lighting such that (a) lighting does not cause excess reflected glare; (b) direct lighting does not illuminate the nighttime sky; (c) illumination of the project and its immediate vicinity is minimized; and (d) the plan complies with local policies and ordinances. **SEE VIS-2 for lighting mitigation plan requirements.**	1) At least 90 days prior ordering permanent exterior lighting, contact CPM to determine documentation required for lighting mitigation plan. 2) At least 60 days prior to ordering any permanent exterior lighting, submit to CPM for review and approval and to city of Ceres Development Services Department for review and comment a lighting mitigation plan. 3) Prior to commercial operation, notify CPM that lighting has been completed and is ready for inspection. **	city of Ceres Development Services Department	1) 90d prior ordering exterior lighting; 2) 60d prior order; 3) prior commercial operation	TID/ Susan	4/1/12	6/14/11	7/6/2011 7/12/11	Plan Approved	** If after inspection the CPM notifies the project owner that modifications to the lighting are needed, within 30 days of receiving that notification, the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection.**###Submitted to CEC and City of Ceres on 6/14/11. 6/28/11 CEC comments on plan rec' via email from Melissa Mourkas. 7/6/11 response to comments submitted to Melissa. 7/6/11 approval of plan from Melissa Mourkas rec'd via email. Approved by CEC via email from Mary Dyas on 7/12/11.**

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VIS-3	**Constr**	The project owner shall treat the surfaces of all project structures and buildings visible to the public such that a) their color(s) minimize(s) visual intrusion and contrast by blending with the landscape; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances. The transmission line conductors shall be non-specular and non-reflective, and the insulators shall be non-reflective and non-refractive. **See VIS-3 for surface treatment plan requirements.**	1) At least 90 days prior commercial operation, submit treatment plan to city of Ceres Development Services Department for review and comment and to CPM for review and approval. Provide a copy of city submittal and city comments to CPM within 60 days of the start of construction. If CPM notifies project owner that any revisions of plan are needed, submit revised plan to the CPM within 30 days of receiving that notification. 2) Complete surface restoration within 60 days after start of commercial operation. Notify CPM within seven days after completion of surface restoration that restoration is ready for inspection. 3) Within 90 days after commercial operation, notify CPM that surface treatment of all listed structures and buildings has been completed and are ready for inspection, and shall submit one set of electronic color photographs from KOP identified in VIS-3.	city of Ceres Development Services Department	1) 90d prior commercial operation; within 60d of start of construction**??** 2) within 60d of commercial ops & 7d after restoration; 3) within 90d after commercial operation	TID	8/1/12	4/29/11	5/6/11	Plan Approved	Subsequent modifications to the treatment plan are prohibited without CPM approval. **Plan submitted to CECand City of Ceres on 4/29/11. Approved by CEC via email on 5/6/11.**
WASTE-2	**Constr**	If potentially contaminated soil is identified during site characterization, demolition, excavation, or grading at either the proposed site or linear facilities as evidenced by discoloration, odor, detection by handheld instruments, or other signs, the Professional Engineer or Professional Geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and provide a written report to the project owner, representatives of Dept. of Toxic Substances Control, and CPM stating the recommended course of action.	1) If potentially contaminated soil is identified, provide a written report to the project owner, representatives of Dept. of Toxic Substances Control, and CPM stating the recommended course of action. 2) The project owner shall submit any final reports filed by the Professional Engineer or Professional Geologist to the CPM within 5 days of their receipt. 3) The project owner shall notify the CPM within 24 hours of any orders issued to halt construction.	DTSC if necessary	1) If contaminated soil identified; 2) Within 5d of their receipt; 3) Within 24 hours of halt	CH2/ PG&E				Not Started	Depending on the nature and extent of contamination, the Professional Engineer or Professional Geologist shall have the authority to temporarily suspend construction activity at that location for the protection of workers or the public. **If, in the opinion of the Professional Engineer or Professional Geologist, significant remediation may be required, the project owner shall contact the CPM and representatives of the Department of Toxic Substances Control for guidance and possible oversight.**
WASTE-4	**All**	Upon becoming aware of any impending waste management-related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken or proposed to be taken against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within 10 days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the manner in which project-related wastes are managed.	N/A	Within 10d of becoming aware of enforcement action	TID/ PG&E				Not Started	
WASTE-7	**All**	The project owner shall ensure that all spills or releases of hazardous substances, hazardous materials, or hazardous waste are reported, cleaned-up, and remediated as necessary, in accordance with all applicable federal, state, and local requirements. **See WASTE-7 for documentation and reporting requirements.**	Document all unauthorized releases and spills of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors. Copies of the unauthorized spill documentation shall be provided to the CPM within 30 days of the date the release was discovered.	N/A	Within 30d, if occurs	TID/ PG&E		7/6/11	8/12/11	Approved/ Ongoing	**7/6/11 submitted to CEC small diesel fuel spill info. Approved by CEC via email from Mary Dyas on 8/18/11.**
WORKER SAFETY-2	**Constr**	The project owner shall submit to the CPM a copy of the revised and updated Project Operations and Maintenance Safety and Health Program containing: an Operation Injury and Illness Prevention Plan; an Emergency Action Plan; Hazardous Materials Management Program; Operations Fire Prevention Program; and a Personal Protective Equipment Program.	1) Submit Operations Fire Prevention Plan, Hazardous Materials Management Program & Emergency Action Plan to Ceres Emergency Services-Fire Division for review and comment. 2) At least 30 days prior first-fire or commissioning, submit required plans to the CPM for approval. Provide a copy of a letter to the CPM from the CFD stating the Fire Dept.'s comments on the Operations Fire Prevention Plan and Emergency Action Plan.	Ceres Emergency Services-Fire Division (CFD)	1) TBD; 2) 30d prior fire-fire/ commiss.	TID	2/20/12			In progress	

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WORKER SAFETY-3 (part 2 of 2)	**Constr**	The CSS shall submit in the MCR a monthly safety inspection report.	2) The contact information of any replacement CSS shall be submitted to CPM within one business day. 3) Submit monthly safety inspection report in each MCR during construction.	N/A	2) within 1 business day of replacing CSS 3) in MCRs	PMI				Ongoing	The safety inspection report is to include: record of all employees trained that month; summary report of safety management actions and safety-related incidents that month; any continuing or unresolved situations and incidents that may pose danger to life or health; and accidents and injuries that occurred during the month.
WORKER SAFETY-4 (Part 2 of 2)	**Constr**	The project owner shall make payments to the Chief Building Official (CBO) for services of a Safety Monitor.	1) Make payments as per agreement. 2) The Safety Monitor shall be selected by and report directly to the CBO, and will be responsible for verifying that the Construction Safety Supervisor, as required in WORKER SAFETY-3, implements all appropriate Cal/OSHA and Commission safety requirements.	CBO	1) As per agreement; 2) during construction	TID				Ongoing	The Safety Monitor shall conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.
WORKER SAFETY-5 (Part 2 of 3)	**Constr**	The project owner shall ensure that a portable automatic cardiac defibrillator (AED) is located on site during construction and operations and shall implement a program to ensure that workers are properly trained in its use and that the equipment is properly maintained and functioning at all times.	2) During construction and commissioning, the following persons shall be trained and shall be on-site whenever the workers that they supervise are on-site: the Construction Project Manager or delegate, the Construction Safety Supervisor or delegate, and all shift foremen.	N/A	2) during construction	PMI				Ongoing	
GEN-1	**All**	The project owner shall design, construct, and inspect the project in accordance with the 2007 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California Administrative Code, California Electrical Code, California Mechanical Code, California Plumbing Code, California Energy Code, California Fire Code, California Code for Building Conservation, California Reference Standards Code, and all other applicable engineering laws, ordinances, regulations and standards (LORS) in effect at the time initial design plans are submitted to the chief building official (CBO) for review and approval (the CBSC in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously).	1) Within 30 days after receipt of the Certificate of Occupancy, submit to CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation and inspection requirements of the applicable LORS and the Energy Commission's Decision have been met in the area of facility design. 2) Provide CPM a copy of Certificate of Occupancy within 30 days of receipt from CBO. 3) Once the Certificate of Occupancy has been issued, inform CPM at least 30 days prior to any construction, addition, alteration, moving, or demolition to be performed on any portion(s) of the completed facility which may require CBO approval for the purpose of complying with the above stated codes. The CPM will then determine if the CBO needs to approve the work.	CBO	1) and 2) Within 30d after receipt of the Certificate of Occupancy; 3) at least 30d prior addition, alteration, etc. to completed facility	TID	2) 3/1/2012			Ongoing	In the event that the initial engineering designs are submitted to the CBO when the successor to the 2007 CBSC is in effect, the 2007 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed in GEN-1. ### **The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility.**
GEN-2 (part 2 of 2)	**Constr**	Facility design submittals, Master Drawing List and Master Specifications List.	2) The project owner shall provide schedule updates in the Monthly Compliance Report.	CBO	2) in MCRs	CH2				Ongoing	
GEN-3	**Constr**	The project owner shall make payments to the CBO for design review, plan checks, and construction inspections, based upon a reasonable fee schedule to be negotiated between the project owner and the CBO.	The project owner shall make the required payments to the CBO in accordance with the agreement between the project owner and the CBO.	CBO	Make payment(s) as agreed	TID				Ongoing	These fees may be consistent with the fees listed in the 2007 CBC (2007 CBC, Appendix Chapter 1, § 108, Fees; Chapter 1, Section 108.4, Permits, Fees, Applications and Inspections), adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.
GEN-4 (Part 2 of 2)	**Constr**	Resident Engineer. **See GEN-4 for resident engineer responsibilities.**	3) If RE or delegated engineer(s) are reassigned or replaced, within five days submit resume and registration number of newly assigned engineer to CBO for review and approval. 4) Notify CPM of CBO's approval of new engineer(s) within five days of approval.	CBO	3) within 5 days if replaced or reassigned; 4) within 5 days after approval	TID				Not Started	**The resident engineer shall have the authority to halt construction and to require changes or remedial work if the work does not meet requirements.**

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GEN-5 (Part 2 of 2)	**Constr**	Replacement or reassignment of engineers.	4) If any one of the designated responsible engineers is reassigned or replaced, within five days submit the resume and registration number of the newly assigned engineer to CBO for review and approval. 5) Notify CPM of CBO's approval of new engineer within five days of approval.	CBO	4) within 5 days if replaced or reassigned; 5) within 5 days after approval	TID				Not Started	**No segment of the project shall have more than one responsible engineer.**
GEN-6	**Constr**	Prior to the start of an activity requiring special inspection, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2007 CBC, Chapter 17, Section 1704, Special Inspections; Chapter 17A, Section 1704A, Special Inspections; and Appendix Chapter 1, Section 109, Inspections. A certified weld inspector, certified by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). **See GEN-6 for special inspector responsibilities.**	1) At least 15 days (or within a project owner- and CBO-approved alternative timeframe) prior start of activity requiring special inspection, submit to CBO for review and approval, with a copy to CPM, the name(s)/qualifications of certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties set forth in GEN-6. 2) Submit a copy of CBO's approval of all special inspectors to CPM in next MCR. 3) The special inspector shall furnish inspection reports to the CBO and RE. 4) The special inspector shall submit a final signed report to RE, and CBO stating whether the work was, to best of inspector's knowledge, in conformance with approved plans/specs and the applicable edition of the CBC.	CBO	1) 15d prior special inspection activity or alternate approved date; 2) Next MCR; 3) As occurs; 4) As completed	TID		5/25/11		Ongoing	If special inspector is reassigned or replaced, within five days submit the name and qualifications of the newly assigned special inspector to CBO for review and approval. Notify CPM of CBO's approval of new special inspector within five days of approval. **### All discrepancies shall be brought to the immediate attention of the RE for correction, then, if uncorrected, to the CBO for corrective action ### Names and qualifications of welding inspectors submitted to CEC 5/25/11. Resume of Gerard Hastings, proposed welding inspector submitted with MCR #5.**
GEN-7	**Constr**	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend required corrective actions.	The project owner shall inform the CPM, in the next monthly compliance report, of any corrective action taken to resolve a discrepancy.	CBO	1) if occurs; 2) in MCR	TID				Ongoing	The discrepancy documentation shall reference this condition of certification and, if appropriate, applicable sections of the CBC and/or other LORS.
GEN-8 (Part 1 of 2)	**Constr**	The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents.	1) Within 15 days of the completion of any work, submit to CBO (a) written notice that completed work is ready for final inspection, and (b) a signed statement that work conforms to the final approved plans. 2) After storing final approved engineering plans, specifications and calculations as described above, submit to CPM a letter stating that documents have been stored and indicate the storage location. 3) Within 90 days of completion of construction, provide the CBO with three sets of electronic copies of the documents at the project owner's expense.**	CBO	1) Within 15d of the completion of any work; 2) after storing plans; 3) within 90d of construction completion	TID				Ongoing	**These are to be provided in the form of "read only" files (Adobe .pdf 6.0), with restricted (password protected) printing privileges, on archive quality compact discs. ### The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site or at an alternative site approved by the CPM during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-builts shall be provided to the CBO for retention by the CPM.
CIVIL-2	**Constr**	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering identifies unforeseen adverse soil or geologic conditions.	1) The project owner shall submit modified plans, specifications and calculations to the CBO based on these new conditions and obtain approval from the CBO before resuming earthwork and construction in affected area. 2) The project owner shall notify the CPM within 24 hours when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions.	CBO	1) If occurs; 2) Within 24 hours of stop	TID				Ongoing	

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CIVIL-3	**Constr**	The project owner shall perform inspections in accordance with the 2007 CBC, Appendix Chapter 1, Section 109, Inspections, Chapter 17, Section 1704, Special Inspections.	1) If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO and CPM. 2) Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO a non-conformance report (NCR), and the proposed corrective action for review and approval. 3) Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO. 4) A list of NCRs for the reporting month shall also be included in the following Monthly Compliance Report.	CBO	1) If occurs, immediate notification; 2) Within 5d of discrepancy discovery: 2) within 5d of resolution of NCR; 3) in next MCR	TID				Not Started	All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. ### **If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO and CPM.**
CIVIL-4	**Constr**	After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	1) Within 30 days (or within a project owner- and CBO-approved alternative time frame) of completion of erosion and sediment control mitigation and drainage work, submit to the CBO, for review and approval, final grading plans (including final changes) and responsible civil engineer's signed statement **(See CIVIL-4)**. 2) The project owner shall submit a copy of the CBO's approval to the CPM in the next MCR.	CBO	1) Within 30d of the completion of specified facilities or alternate approved date; 2) in next MCR	CH2	4/30/12			Not Started	
STRUC-1	**Constr**	Prior to the start of any increment of construction, the project owner shall submit plans, calculations and other supporting documentation to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications lists. The design plans and calculations shall include the lateral force procedures and details as well as vertical calculations. **See STRUC-1 for the full list of engineering, submittals, and responsible engineers' requirements.**	1) At least 60 days (or project owner- and CBO-approved alternate time frame) prior start of any structure or component listed in the CBO-approved master drawing and master specifications list, the project owner shall submit to the CBO the final STRUC-1 design plans, specifications and calculations. 2) Submit to the CPM, in next MCR, a list of the structural plans and specifications that have been approved by the CBO.	CBO	1) 60d prior start of structure/component on CBO-approved list or alternate approved date; 2) In next	CH2				Ongoing	Construction of any structure or component shall not commence until the CBO has approved the lateral force procedures to be employed in designing that structure or component.
STRUC-2	**Constr**	The project owner shall submit to the CBO the required number of sets of the documents listed in STRUC-2 related to work that has undergone CBO design review and approval. **See STRUC-2 for specific documents required and for reporting requirements.**	1) Submit docs listed in STRUC-2 to CBO. 2a) If a discrepancy is discovered in any of the STRUC-2 data, within five days, prepare and submit an NCR describing the discrepancies and proposed corrective action to CBO, with a copy of transmittal letter to the CPM. 2b) Within five days of resolution of the NCR, submit a copy of the corrective action to the CBO and the CPM.	CBO	1) As occurs; 2a) within 5d of discrep.; 2b) within 5d of resolution	CH2				Ongoing/ Not Started	
STRUC-3	**Constr**	The project owner shall submit to the CBO design changes to the final plans required by the 2007 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	On a schedule suitable to the CBO, the project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other above-mentioned documents to the CBO.	CBO	On schedule suitable to CBO	CH2				Not Started	

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STRUC-4	**Constr**	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in 2007 CBC, Chapter 3, Table 307.1(2), shall, at a minimum, be designed to comply with the requirements of that Chapter.	1) At least 30 days (or within a project owner- and CBO-approved alternate time frame) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials, submit to CBO for design review and approval final design plans, specs and calcs, including signed and stamped engineer's certification. 2) The project owner shall include a list of the CBO-approved plans in the following monthly compliance report.	CBO	1) 30d prior installs of tanks or vessels or alternate approved time frame; 2) in MCRs					N/A	
MECH-1	**Constr**	The project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed in the CBO-approved master drawing and master specifications list. **See MECH-1 for specific requirements.**	1) At least 30 days (or project owner- and CBO-approved alternate time frame) prior to the start of any increment of major piping or plumbing construction submit to CBO for review and approval the final plans, specs and calc, applicable QA/QC procedures, and including signed and stamped statement from responsible mechanical engineer certifying compliance. 2) Transmit to the CPM, in the MCR following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	CBO	1) 30d prior piping or plumbing construction or alternate approved time frame; 2) in next MCR	CH2				In progress	Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction. ### The CBO may deputize inspectors to carry out the functions of the code enforcement agency.
MECH-2	**Constr**	For all pressure vessels installed in the plant, the project owner shall submit to the CBO and California Occupational Safety and Health Administration (Cal/OSHA), prior to operation, the code certification papers and other documents required by the applicable LORS. **See MECH-2 for requirements.**	1) At least 30 days (or project owner- and CBO-approved alternate time frame) prior start of on-site fabrication or installation of any pressure vessel, submit to the CBO for design review and approval, the MECH-2 listed documents, including a copy of the signed and stamped engineer's certification. 2) Transmit to the CPM, in the MCR following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal/OSHA inspection approvals.	CBO & Cal-OSHA	1) 30d prior fab/install of any pressure vessel or alternate approved time frame; 2) In next MCR	CH2		10/31/11		Submitted	Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal/OSHA inspection of that installation **### Documentation submitted to Cal/OSHA on 10/31/11.**
MECH-3	**Constr**	The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. **See MECH-3 for HVAC and submittal requirements.**	At least 30 days (or project owner- and CBO-approved alternate time frame) prior to construction of any HVAC or refrigeration system, submit to CBO required HVAC and refrigeration calculations, plans and specifications, including a copy of the signed and stamped statement from responsible mechanical engineer certifying compliance.	CBO	30d prior construction of HVAC or refrigeration system or alternate approved time frame	CH2				In progress	Upon completion of any increment of construction, the project owner shall request CBO's inspection and approval of that construction.
ELEC-1 (Part 1 of 2)	**Constr**	Prior to the start of any increment of electrical construction for all electrical equipment and systems 480 volts and higher (see representative list in ELEC-1) with the exception of underground duct work and any physical layout drawings and drawings not related to code compliance and life safety, the project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations. **See ELEC-1 for required documents and calculations.**	1) At least 30 days (or alternative time frame) prior to start of each increment of electrical construction, submit to CBO for design review and approval the ELEC-1 documents. Include a copy of signed and stamped statement from responsible electrical engineer attesting compliance with applicable LORS. 2) Report the following activities in the MCR: Receipt or delay of major electrical equipment; Testing or energization of major electrical equipment; and, a signed statement by the registered electrical engineer certifying that the proposed final design plans and specifications conform to requirements set forth in the Energy Commission Decision.	CBO	1a) At least 30d prior to start of each increment of electrical construction or alternate approved date; 2) In MCRs	CH2				Submitted/ Ongoing	The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. ### Upon approval, the listed plans, together with design changes and design change notices, shall remain on the site or another accessible location for the operating life of the project. **Electrical engineers statement submitted with MCR #2 on 5/15/11.**

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PAL-1 (Part 2 of 2)	**Constr**	The project owner shall provide the CPM with the resume and qualifications of the Paleontological Resource Specialist (PRS) for review and approval. The project owner shall submit to the CPM to keep on file resumes of the qualified Paleontological Resource Monitors (PRMs).	If additional monitors are obtained during the project, the PRS shall provide additional letters and resumes to the CPM.	N/A	If occurs	CH2		5/25/2011 8/22/11 9/1/11 9/10/11 01/10/12		Submitted	Prior to the termination or release of a PRS, the project owner shall submit the resume of the proposed new PRS to the CPM for review and approval.**### Resume of Adam Jackson submitted on 5/25/11. Resume of James Verdoff submitted on 8/22/11. 10/3/11 J. Verdoff approved via email from C. Stora. However, add'l info re: resume requested. 9/1/11 resume for Michelle Kay submitted to CEC. 9/19/11 email from C. Stora rec'd with question regarding M. Kay's availability. Response emailed to C. Stora on 9/19/11. 9/10/11 resume for Zack Hruby submitted. 9/20/11 resume for A. Rueles submitted. 9/26/11 question from Christopher Dennis rec'd re: A. Rueles qualifications. 9/27/11 G. Spaulding spoke to C. Dennis to resolve questions. Revised resme for James Verdoff submitted.**
PAL-2 (part 2 of 2)	**Constr**	At a minimum, the project owner shall ensure that the PRS or PRM consults weekly with the project superintendent or construction field manager to confirm area(s) to be worked during the next week, until ground disturbance is completed.	2) If project will proceed in phases, maps and drawings may be submitted prior to the start of each phase. A letter identifying the proposed schedule of each project phase shall be provided to the PRS and CPM. Before work commences on affected phases, the project owner shall notify the PRS and CPM of any construction phase scheduling changes. 3) At a minimum, ensure that PRS or PRM consults weekly with project superintendent or construction field manager to confirm areas to be worked during the next week, until ground disturbance is complete	N/A	2) prior start of each phase; 3) Weekly			5/25/11		Submitted	If the footprint of the power plant or linear facility changes, the project owner shall provide maps and drawings reflecting these changes to the PRS at least 15 days prior start of ground disturbance. ### If there are changes to the scheduling of the construction phases, the project owner shall submit a letter to the CPM within 5 days of implementing the changes. **### Letter regarding gas pipeline maps submitted 5/25/11.**
PAL-4 (part 2 of 2)	**Constr**	For the duration of construction activities involving ground disturbance, the project owner and the PRS shall conduct weekly CPM-approved training for the following workers: project managers, construction supervisors, forepersons and general workers involved with or who operate ground-disturbing equipment or tools.	3) In the MCR, provide copies of the WEAP certification of completion forms with the names of those trained and the trainer or type of training (in-person or video) offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	N/A	3) In MCRs	Susan/ CH2				Ongoing	Workers shall not excavate in sensitive areas prior to receiving CPM-approved worker training. Worker training shall consist of a CPM-approved video or an in-person presentation. A sticker that shall be placed on hard hats indicating that environmental training has been completed. ### If the owner requests an alternate paleontological trainer, the resume and qualifications of the trainer shall be submitted to the CPM for review and approval prior to installation of an alternate trainer. Alternate trainers shall not conduct training prior to CPM authorization.
PAL-5	**Constr**	The project owner shall ensure that the PRS and PRM(s) monitors consistent with the PRMMP, all construction-related grading, excavation, trenching, and augering in areas where potentially fossil-bearing materials have been identified, both at the site and along any constructed linear facilities associated with the project. The project owner shall ensure that the PRS and PRM(s) have the authority to halt or redirect construction if paleontological resources are encountered. The project owner shall ensure that there is no interference with monitoring activities unless directed by the PRS. **Monitoring activities shall be conducted as outlined in Condition PAL-5. Also, see Condition PAL-5 for**	1) Keep daily logs of monitoring of paleontological resource activities and submit summaries in MCRs. 2) When feasible, CPM shall be notified 10 days in advance of any proposed changes in monitoring different from that in PRMMP. If unforeseen change in monitoring, notice shall be given asap prior to implementation of the change. 3) Ensure that PRS notifies CPM within 24 hours of any incidents of non-compliance and recommends corrective action. 4) For any significant paleontological resource encountered, project owner or PRS shall notify CPM within 24 hours or on the morning of the following business day in case of weekend or holiday event when construction has been halted due to paleo find	N/A	1) In MCRs; 2) Within 10d of proposed changes in monitoring; 3) within 24 hours; 4) within 24 hours	CH2				Ongoing	**In the event that the PRS determines full-time monitoring is not necessary in locations that were identified as potentially fossil-bearing in the PRMMP, the project owner shall notify and seek the concurrence of the CPM. ###** Any change of monitoring different from the accepted schedule presented in the PRMMP shall be proposed in a letter or email from the PRS and the project owner to the CPM for review and approval prior to the change in monitoring and will be included in the MCR. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change.
PAL-6 (Part 1 of 2)	**Constr**	The project owner, through the designated PRS, shall ensure that all components of the PRMMP are adequately performed including collection of fossil materials, preparation of fossil materials for analysis, analysis of fossils, identification and inventory of fossils, the preparation of fossils for curation, and the delivery for curation of all significant paleontological resource materials encountered and collected during project construction.	1) A copy of the letter of transmittal submitting the fossils to the curating institution shall be provided to the CPM.	curating facility	1) at curation, if find	CH2				Not Started	The project owner shall be responsible to pay any curation fees charged by the museum for fossils collected and curated as a result of paleontological mitigation.

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PAL-7	**Constr**	The project owner shall ensure preparation of a Paleontological Resources Report (PRR) by the designated PRS. **See PAL-7 for PRR requirements.)**	Within 90 days after completion of ground disturbing activities, including landscaping, the project owner shall submit the Paleontological Resources Report under confidential cover to the CPM.	N/A	90d after ground disturbing activities	CH2	3/1/12			Not Started	
TSE-1 (Part 2 of 2)	**Constr**	The project owner shall furnish to the Compliance Project Manager (CPM) and to the Chief Building Official (CBO) a schedule of transmission facility design submittals, a master drawing list, a master specifications list, and a major equipment and structure list.	2) The project owner shall provide submittal schedule updates in the Monthly Compliance Report.	CBO	2) in MCRs	TID				Ongoing	
TSE-2 (Part 2 of 2)	**Constr**	Project owner shall assign an electrical engineer and at least one of each of the following to the project: A) a civil engineer; B) a geotechnical engineer or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports. **See TSE-2 for additional information and electrical engineer duties.**	2) If any of the designated responsible engineers are reassigned or replaced, within five days submit the name, qualifications and registration number of the newly assigned engineer to CBO for review and approval.	CBO	2) within 5 days if replaced or reassigned	TID				Not Started	The engineer assigned in conformance with Facility Design condition GEN-5, may be responsible for design and review of the TSE facilities. ### Business and Professions Code, sections 6704 et seq. require state registration to practice as a civil engineer or structural engineer in California. ### Engineer shall be authorized to halt earthwork and to require changes if site conditions are unsafe or do not conform with predicted conditions used as a basis for design of earthwork or foundations. ### The tasks performed by an electrical, civil, geotechnical or design engineer may be divided between two or more engineers, as long as a single engineer is responsible for each segment of the project (electrical, civil, geotechnical, and design).
TSE-3	**Constr**	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend corrective action (pursuant to 2001 California Building Code, chapter 1, section 108.4; chapter 17, section 1701.3; appendix chapter 33, section 3317.7).	1) The discrepancy documentation shall become a controlled document and shall be submitted to the CBO for review and approval and shall reference this condition of certification. 2) Submit a copy of the final CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM.	CBO	1) if occurs; 2) If occurs	TID				Not Started	
TSE-4	**Constr**	For the power plant switchyard, outlet line and termination, the project owner shall not begin any increment of construction until plans for that increment have been approved by the CBO. **These plans, together with design changes and design change notices, shall remain on the site for one year after completion of construction.** The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	1) At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of each increment of construction, submit to the CBO for review and approval the final design plans, specifications and calculations for equipment and systems of the power plant switchyard, outlet line and termination, including a copy of the signed and stamped statement from the responsible electrical engineer attesting to compliance with the applicable LORS. 2) Report the following activities in the MCR: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be submitted	CBO	1) 30d prior start of each increment; 2) in MCRs	TID				In progress	

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TSE-5	**Constr**	The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS. **See TSE-5 for complete list of line requirements and the verification section for a list of submittals required.**	1) Letters from PG&E, MID and WAPA as per TSE-5, verification #4. 2) At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO), the project owner shall submit to the CBO for approval items #1 through #4 listed in the verification section of Condition TSE-5. 3) At least 60 days prior to the construction of transmission facilities, the project owner shall inform the CBO and the CPM of any impending changes that may not conform to the facilities described in this condition, and shall request approval to implement such changes.	CBO	1) TBD 2) and 3) 60d prior construction of transmission facility;	TID				Ongoing	A request for minor changes to the facilities described in this condition may be allowed if the project owner informs the CBO and CPM and receives approval for the proposed change. A detailed description of the proposed change and complete engineering, environmental, and economic rationale for the change shall accompany the request. Construction involving changed equipment or substation configurations shall not begin without prior written approval of the changes by the CBO and the CPM.
TSE-6	**Constr**	The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM- and CBO-approved changes thereto, to ensure conformance with the LORS listed in TSE-6.	1) In case of non-conformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance and describe the corrective actions to be taken. 2) Within 60 days after first synchronization of the project, the project owner shall transmit to the CBO the items outlined in the verification section of TSE-6. **See TSE-6 for required documents.**	CBO	1) Within 10d of discovering non-conform. 2) Within 60d after 1st synch	TID	5/1/12			Not Started	
COM-1	**All**	Unrestricted Access--The project owner shall grant Energy Commission staff and delegate agencies or consultants unrestricted access to the power plant site, related facilities, project-related staff, and the records maintained on site for the purpose of conducting audits, surveys, inspections, and general site visits.	No submittal required	N/A	N/A	TID				Ongoing	Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at any time.
COM-2	**All**	Compliance Record--The project owner shall maintain project files on site or at an alternative site approved by the CPM. Energy Commission staff and delegate agencies shall be given unrestricted access to the files.	No submittal required	N/A	N/A	Susan				Ongoing	Maintain project files for the life of the project unless a lesser period of time is specified by the conditions of certification. The files shall contain copies of all "as-built" drawings, documents submitted for verification for conditions, and other project-related documents.
COM-3	**All**	Compliance Verification Submittals: The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether such condition was satisfied by work performed or the project owner or his agent. The verification procedures, unlike the conditions, may be modified as necessary by the CPM. **See COMPLIANCE-3 for compliance verification, cover letter requirements, and compliance submittal address.**	Hard copies are to be submitted to address listed in COM-3, and those submittals shall be accompanied by a searchable electronic copy, on CD or by e-mail, as agreed upon by the CPM.	N/A	As required	CH2/ Susan				Ongoing	Verification lead times associated with the start of construction may require submittals during the certification process, particularly if construction is planned to commence shortly after certification. (Per COMPLIANCE-4, the submittal of compliance documents prior project certification is at the owner's own risk. Any approval by Energy Commission staff is subject to change, based upon the Commission Decision.) If project owner desires Energy Commission staff action by a specific date, request it in the cover letter, and provide a detailed explanation of the effects on the project if the date is not met.
COM-5	**Constr**	Compliance Matrix--**See COMPLIANCE-5 for matrix requirements.**	The project owner shall submit a compliance matrix (in spreadsheet format) with each monthly and annual compliance report which includes the current status of all compliance conditions of certification.	N/A	In MCRs during construction and in ACRs during operation	Susan				Ongoing	**Satisfied conditions shall be placed at the end of the matrix.**

CPM=Compliance Project Manager; MCR=Monthly Compliance Report; ACR=Annual Compliance Report; 15d=15 days

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COM-6	**Constr**	Monthly Compliance Report (MCR) including Key Events List--During construction, the project owner shall submit MCRs which include specific information**.--See COMPLIANCE-6 for complete list of MCR requirements.**	The first MCR is due one month following the Energy Commission business meeting date on which the project was approved, unless otherwise agreed to by the CPM. The first MCR shall include the AFC number and an initial list of dates for each of the events identified on the Key Events List (found at end of General Conditions). All sections, exhibits, or addendums shall be separated by tabbed dividers or as acceptable by CPM.	N/A	1st MCR due 1 month following project approval & within 10d after end of reporting period thereafter	Susan	MCR due the 10th of each month			Ongoing	During pre-construction and construction of the project, **submit an original and an electronic searchable version** of the MCR within 10 working days after the end of the reporting period.
COM-8	**All**	Confidential Information	Any information the project owner deems confidential shall be submitted to the Energy Commission's Executive Director with a request for confidentiality.	N/A	if required	TID				Not Started	Any information that is determined to be confidential shall be kept confidential as provided for in Title 20, California Code of Regulations, section 2501, et. seq.
COM-9	**All**	Annual Energy Facility Compliance Fee: The project owner is required to pay an annual compliance fee, which is adjusted annually. Current compliance fee information is available on the Energy Commission's website or from the CPM. **See COMPLIANCE-9 for payment instructions**.	1) The initial payment is due on the date the Energy Commission adopts the final decision. 2) All subsequent payments are due by July 1 of each year the facility retains its certification.	N/A	1) When commission decision adopted. 2) July 1st of each year		July Each Year			In progress	**First payment made on 12/15/10.**
COM-10 (Part 2 of 2)	**All**	Reporting of Complaints, Notices and Citations	2) Provide copies to CPM of all complaint forms, including noise and lighting complaints, notices of violation, notices of fines, official warnings, and citations, within 10 days of receipt. Complaints shall be logged and numbered. Noise complaints shall be recorded on the form provided in the **NOISE** conditions of certification. All other complaints shall be recorded on the complaint form (Attachment A).	N/A	within 10d of receipt	TID		5/20/11		Submitted	**PG&E letter with phone number submitted on 5/20/11.**
COM-12 (part 1 of 2)	**Constr**	Unplanned Temporary Facility Closure/On-site Contingency Plan: **See COMPLIANCE-12 for specific plan requirements.**	1) The project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation (or other time agreed to by the CPM).	N/A	1) 60d prior commercial operation	TID	4/1/12			In progress	The approved plan must be in place prior to commercial operation and shall be kept on site at all times.
COM-13	**Constr**	Unplanned Permanent Facility Closure/On-site Contingency Plan: **See COMPLIANCE-13 for specific plan requirements.**	1) The project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation (or other time agreed to by the CPM).	N/A	1) 60d prior commercial operation	TID	4/1/12			In progress	The approved plan must be in place prior to commercial operation and shall be kept on site at all times.
COM-14	**All**	Post-Certification changes to the Decision: Amendments, Ownership Changes, Staff Approved Project Modifications and Verification Changes--**See COMPLIANCE-14 for important detailed information about amendments, change of ownership, project modifications, and verification changes, including information on how each must be handled and how each are processed.**	A petition is required for amendments and for staff approved project modifications as specified in Condition COMPLIANCE-14. For verification changes, a letter from the project owner is sufficient.	N/A	If post-certification changes	TID				Not Started	Project Owner must petition the CEC in order to delete or change a condition of certification, modify the project (including linear facilities) design, operation or performance requirements, and/or to transfer ownership or operational control of the facility. It is the responsibility of the project owner to contact the CPM to determine if a proposed change should be considered a project modification. Implementation of a project modification without first securing Energy Commission, or Energy Commission staff approval, may result in enforcement action that could result in civil penalties.